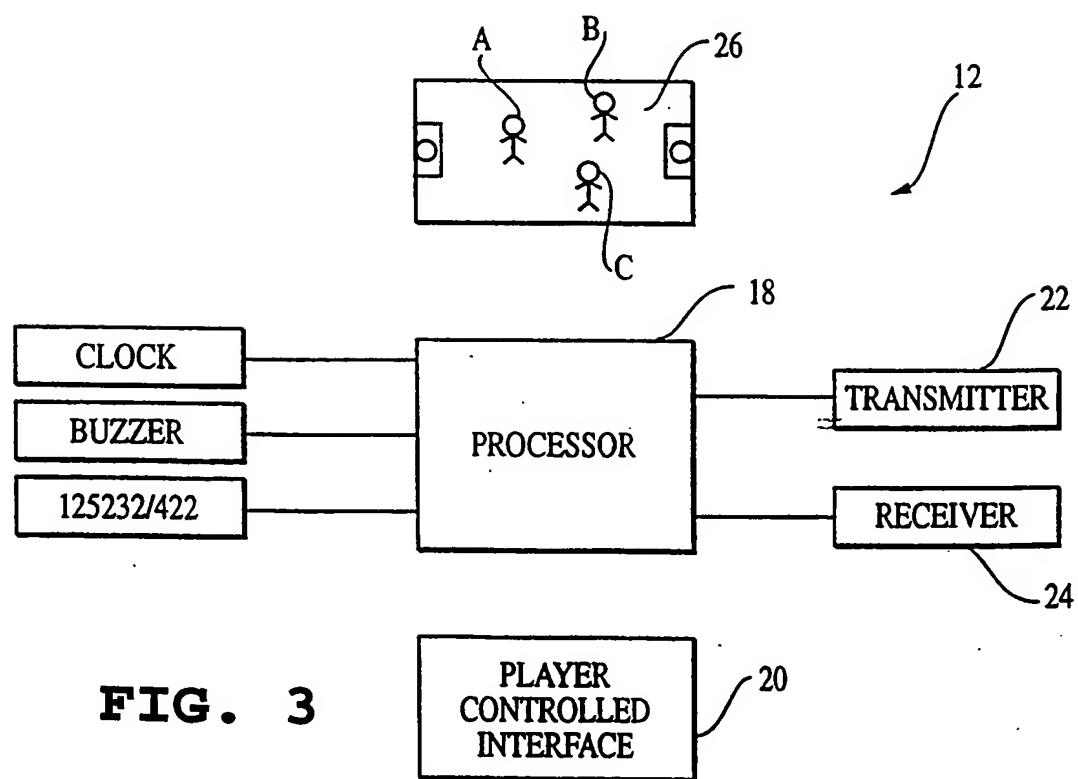
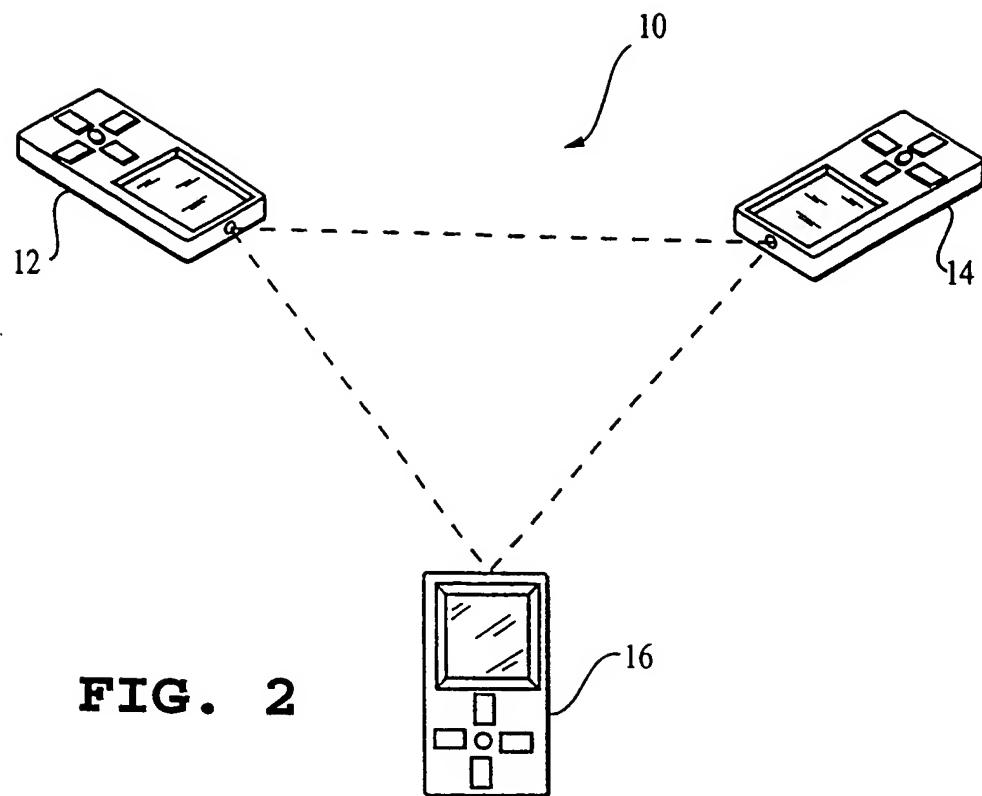
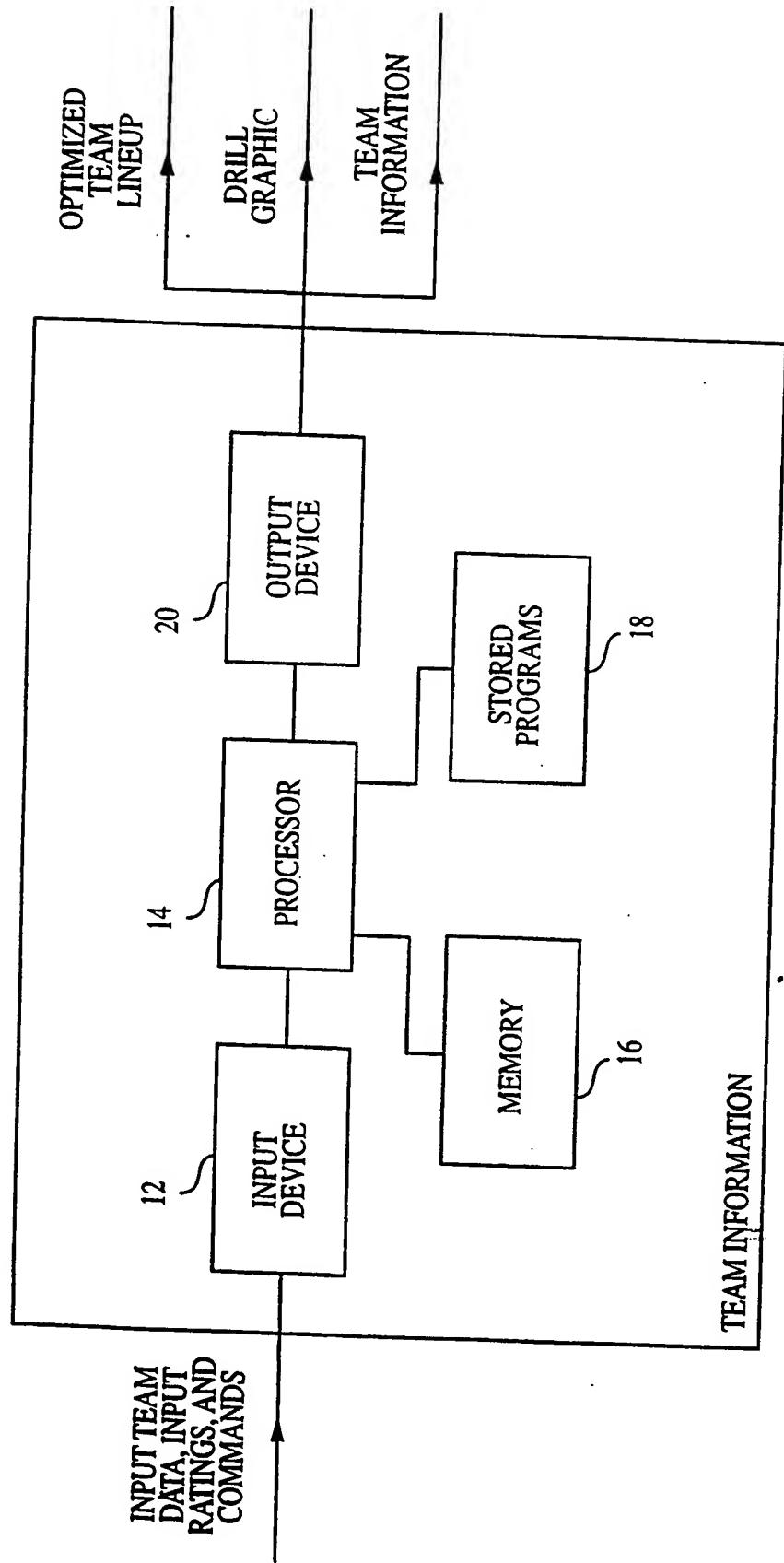
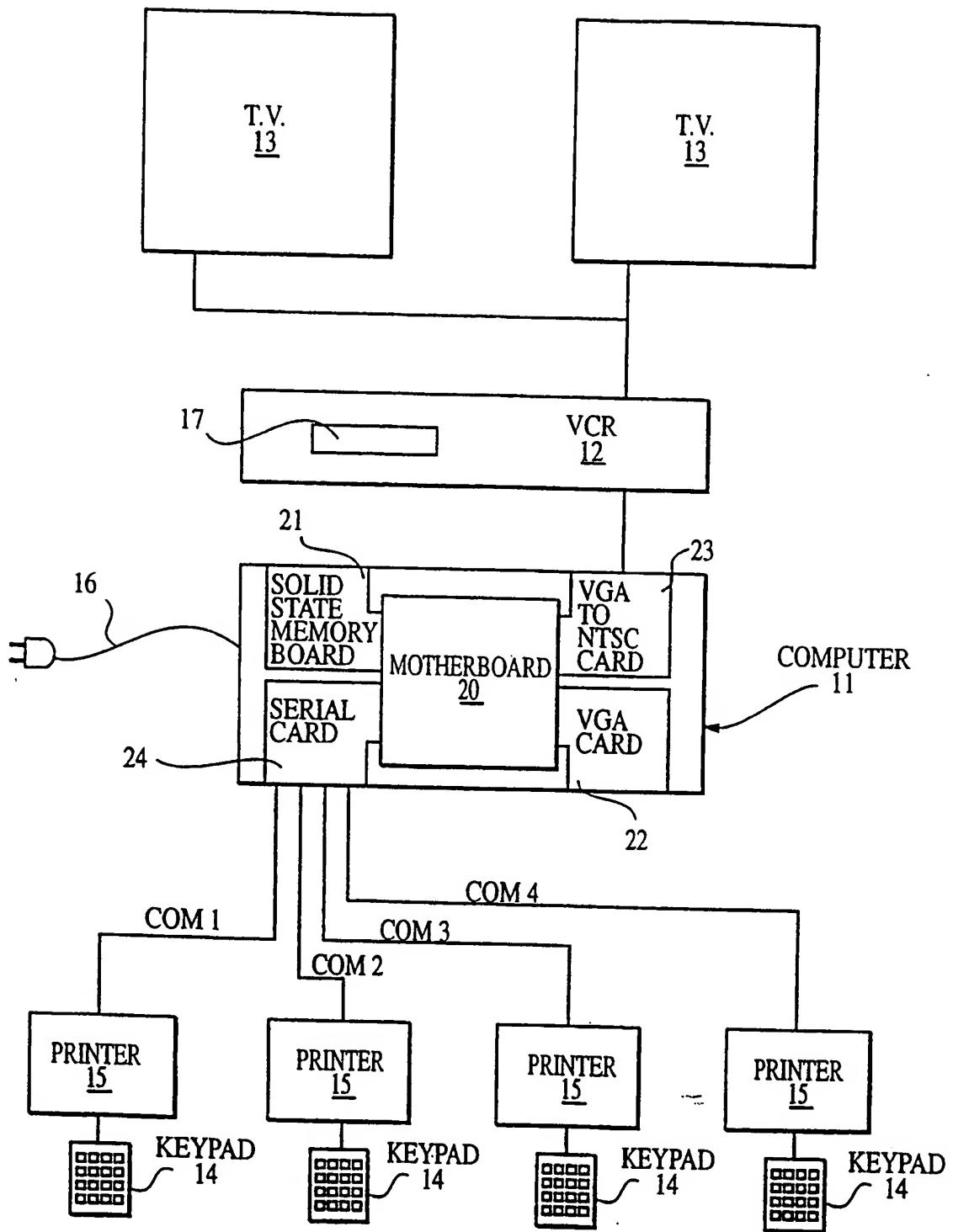


**FIG. 1**





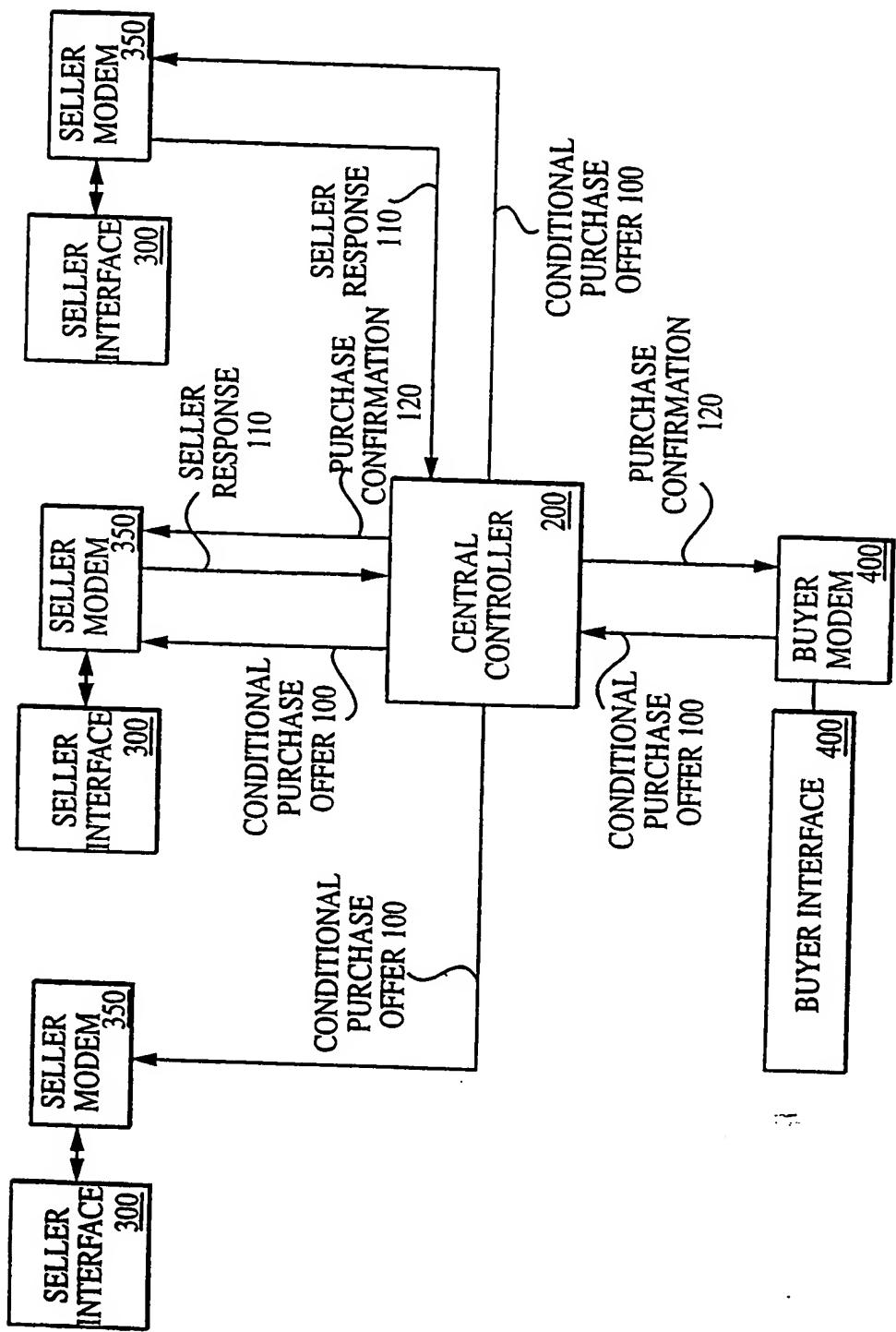
**FIG. 4**



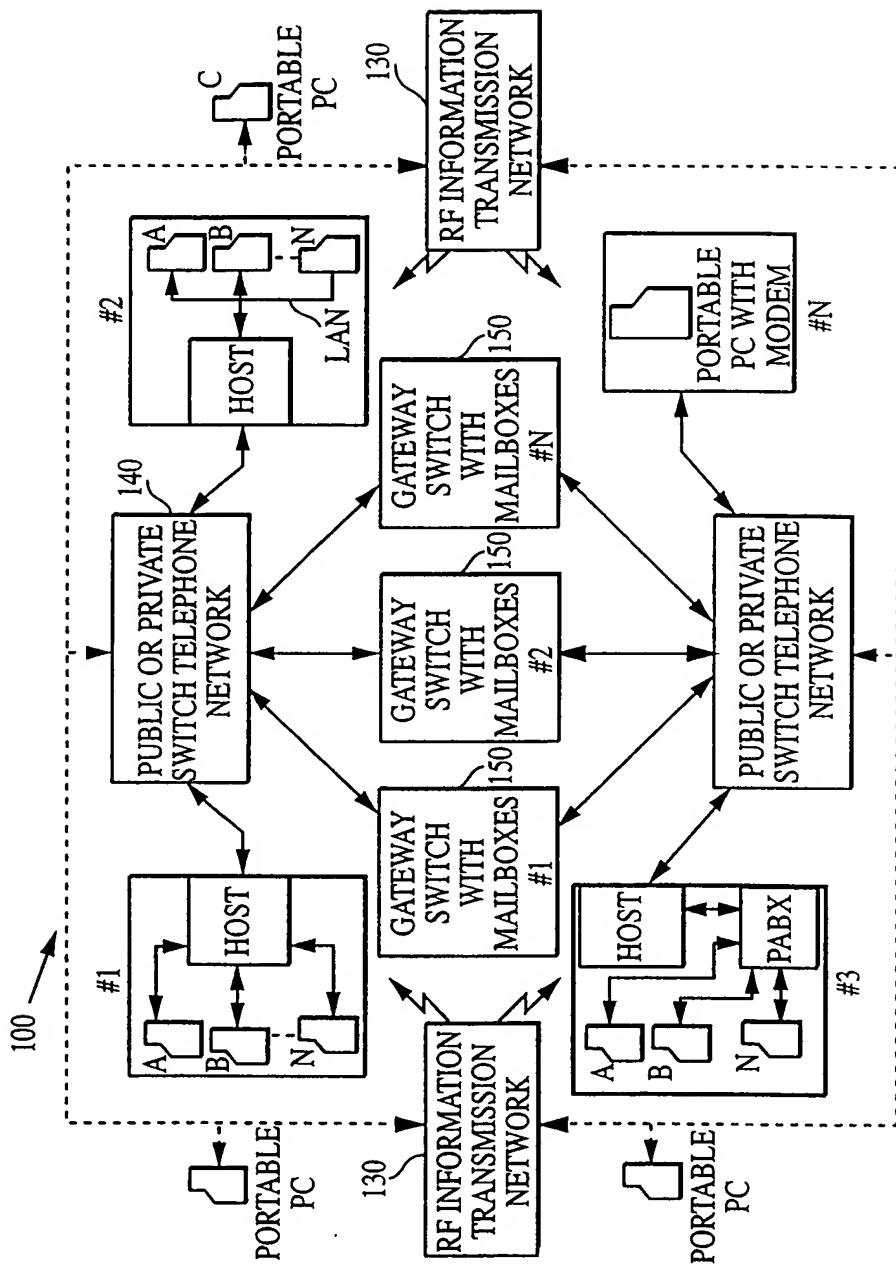
**FIG. 5**

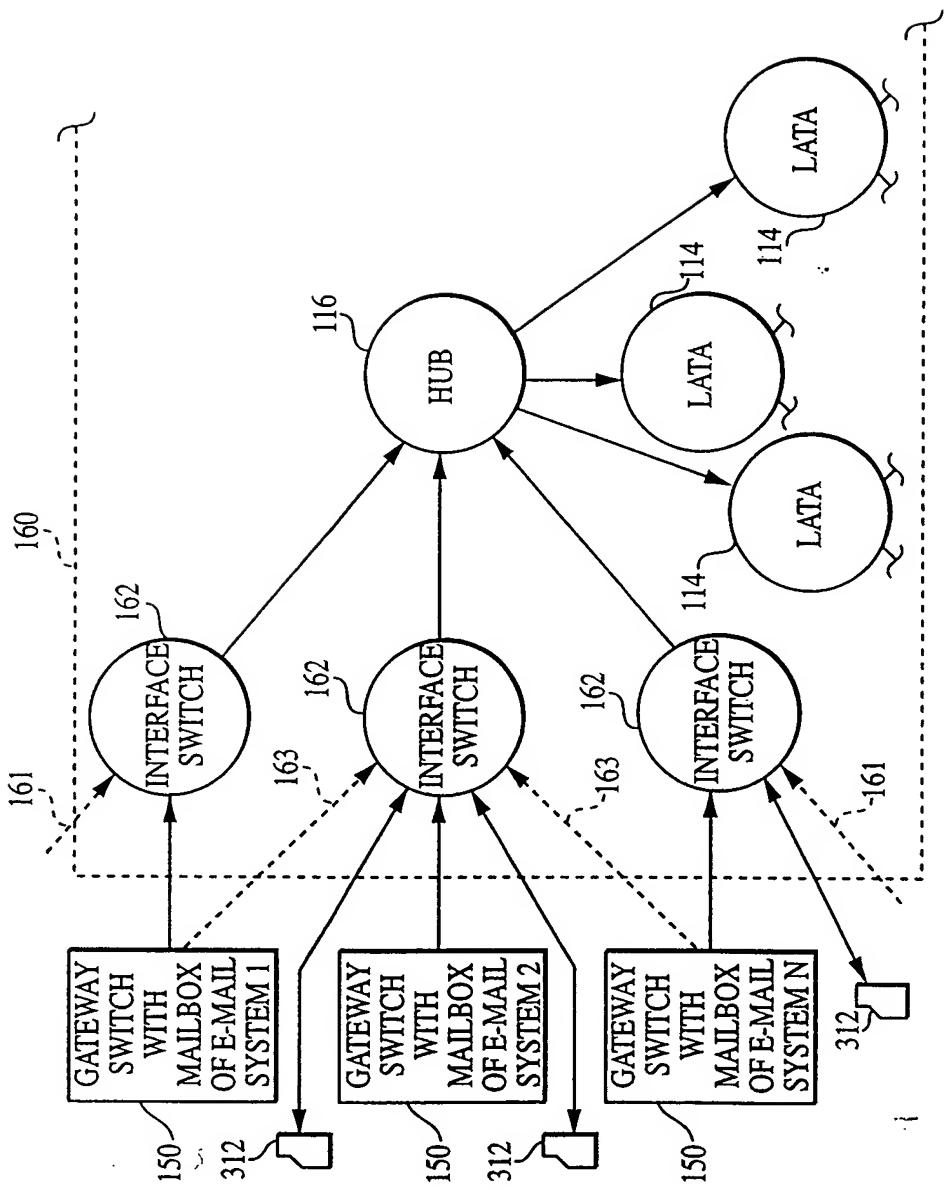
PRIOR ART

**FIG 6**  
PRIOR ART



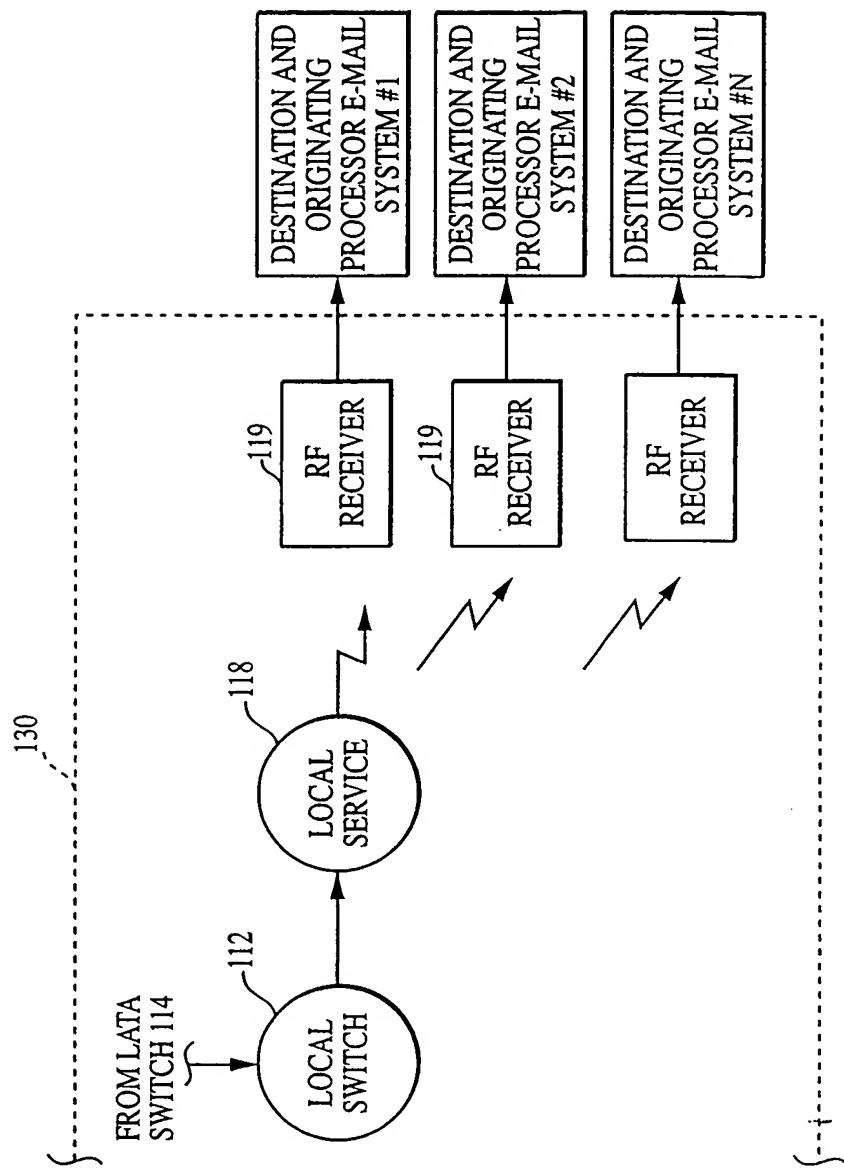
**FIG. 7**  
PRIOR ART

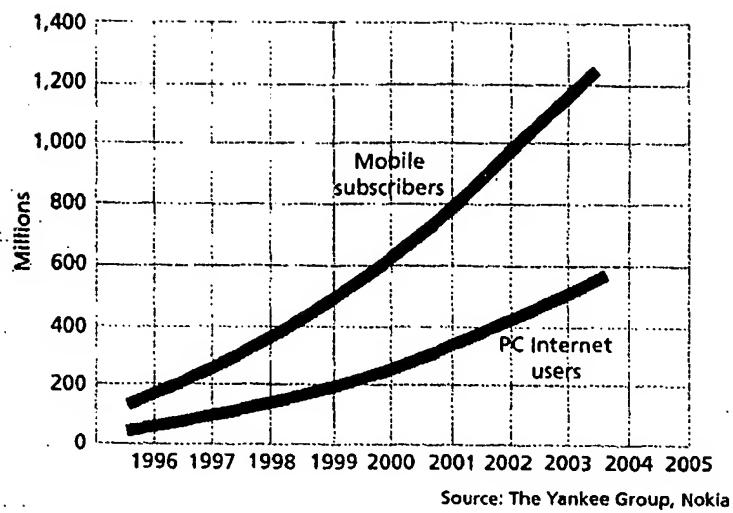




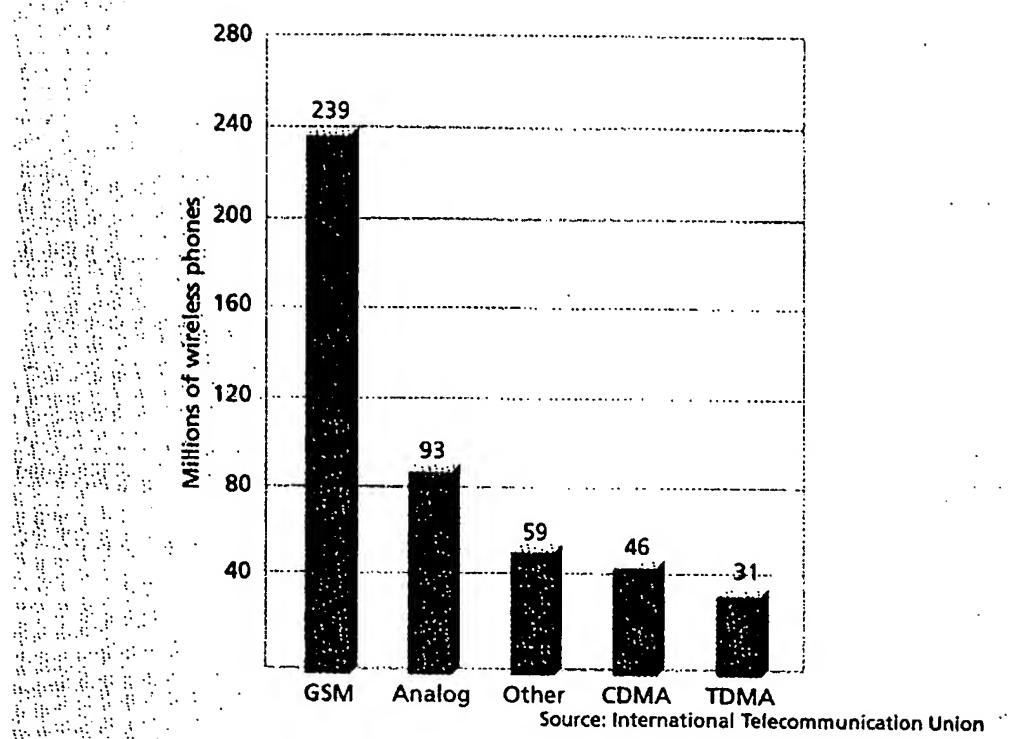
**FIG. 8**  
PRIOR ART

**FIG. 9**  
PRIOR ART



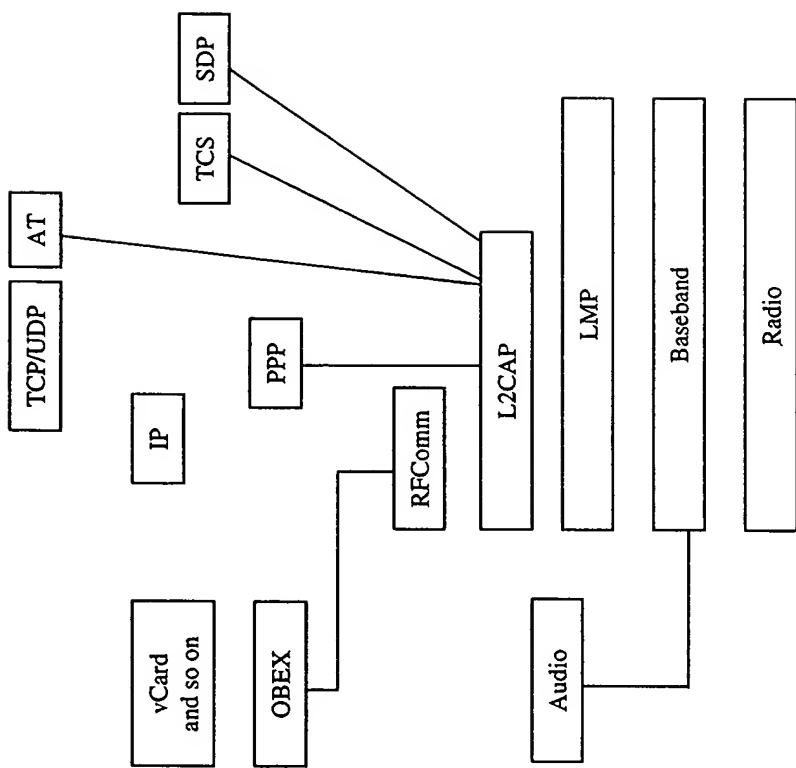


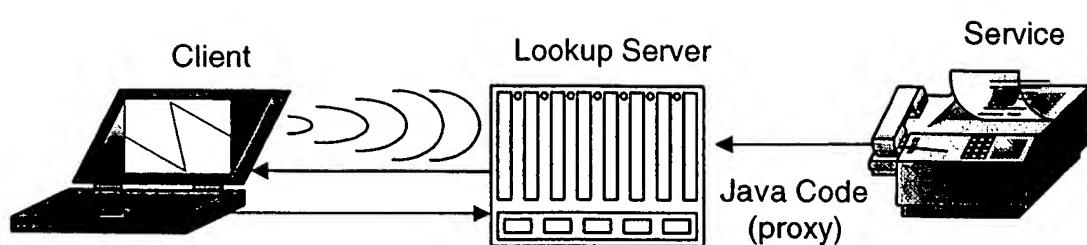
**FIG. 10**



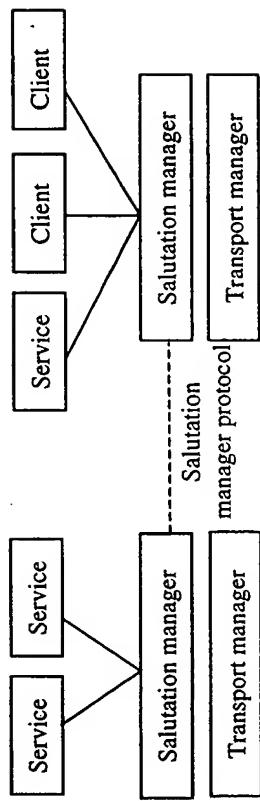
**FIG. 11**

**FIG. 12**



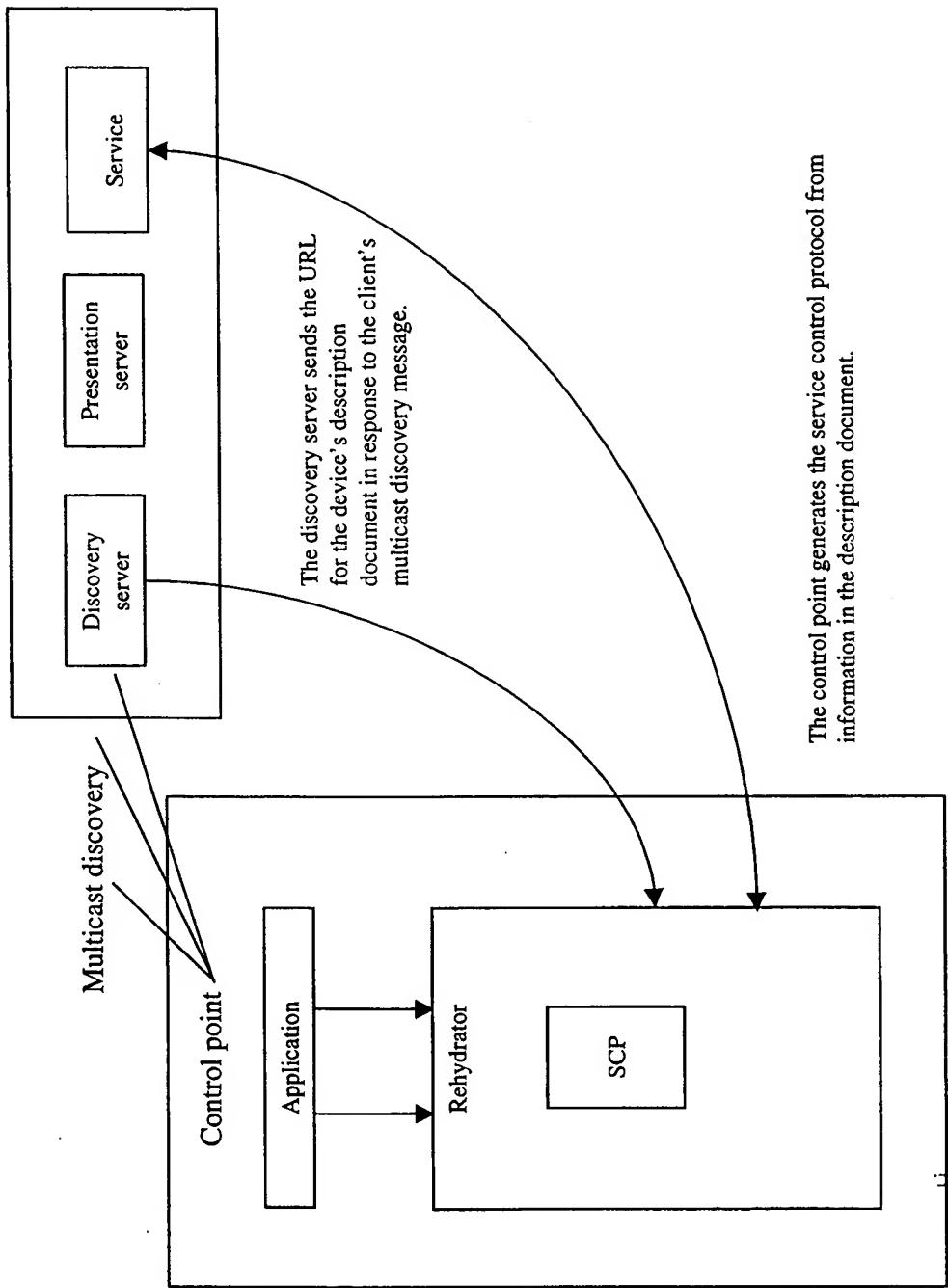


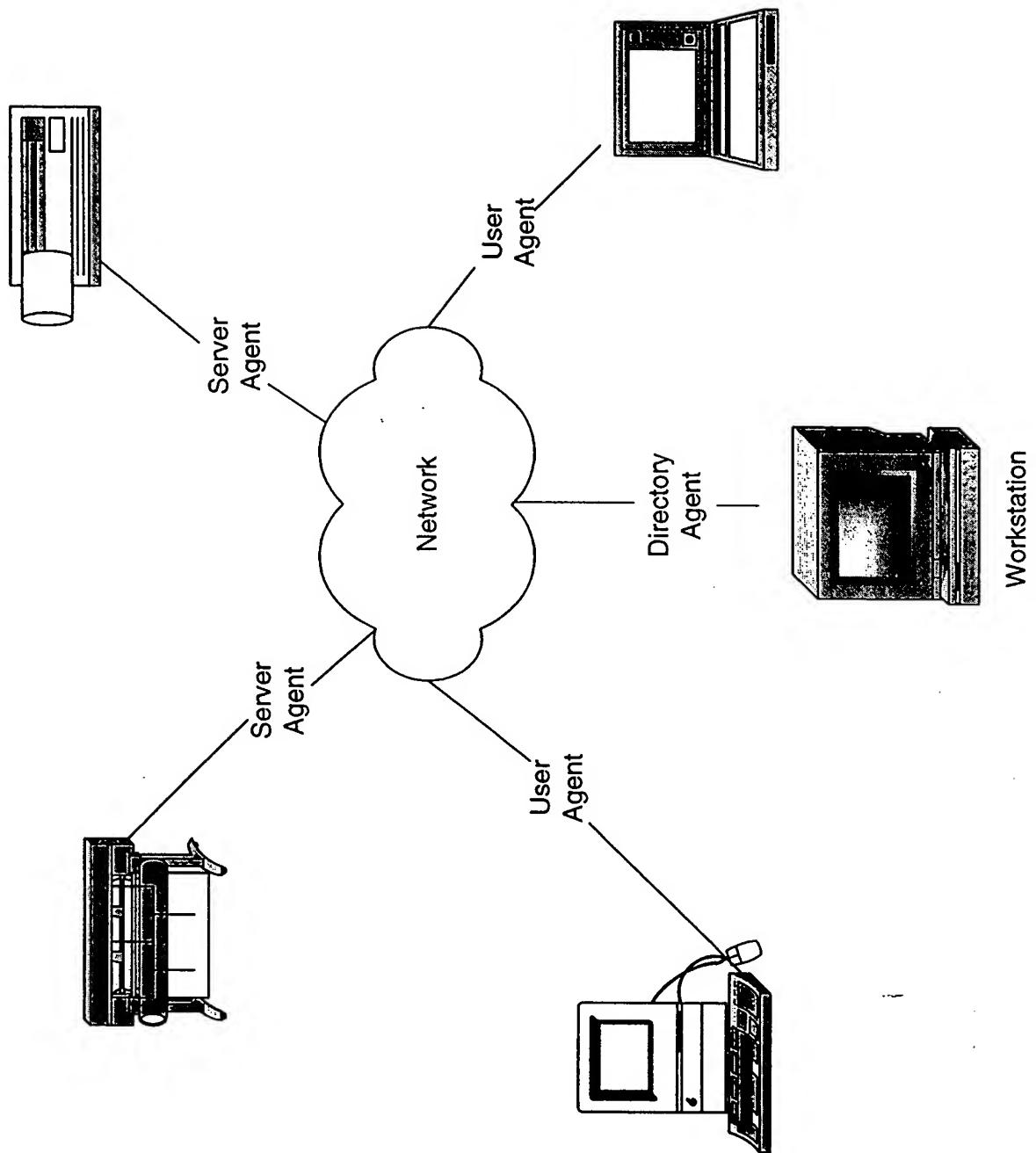
**FIG. 13**



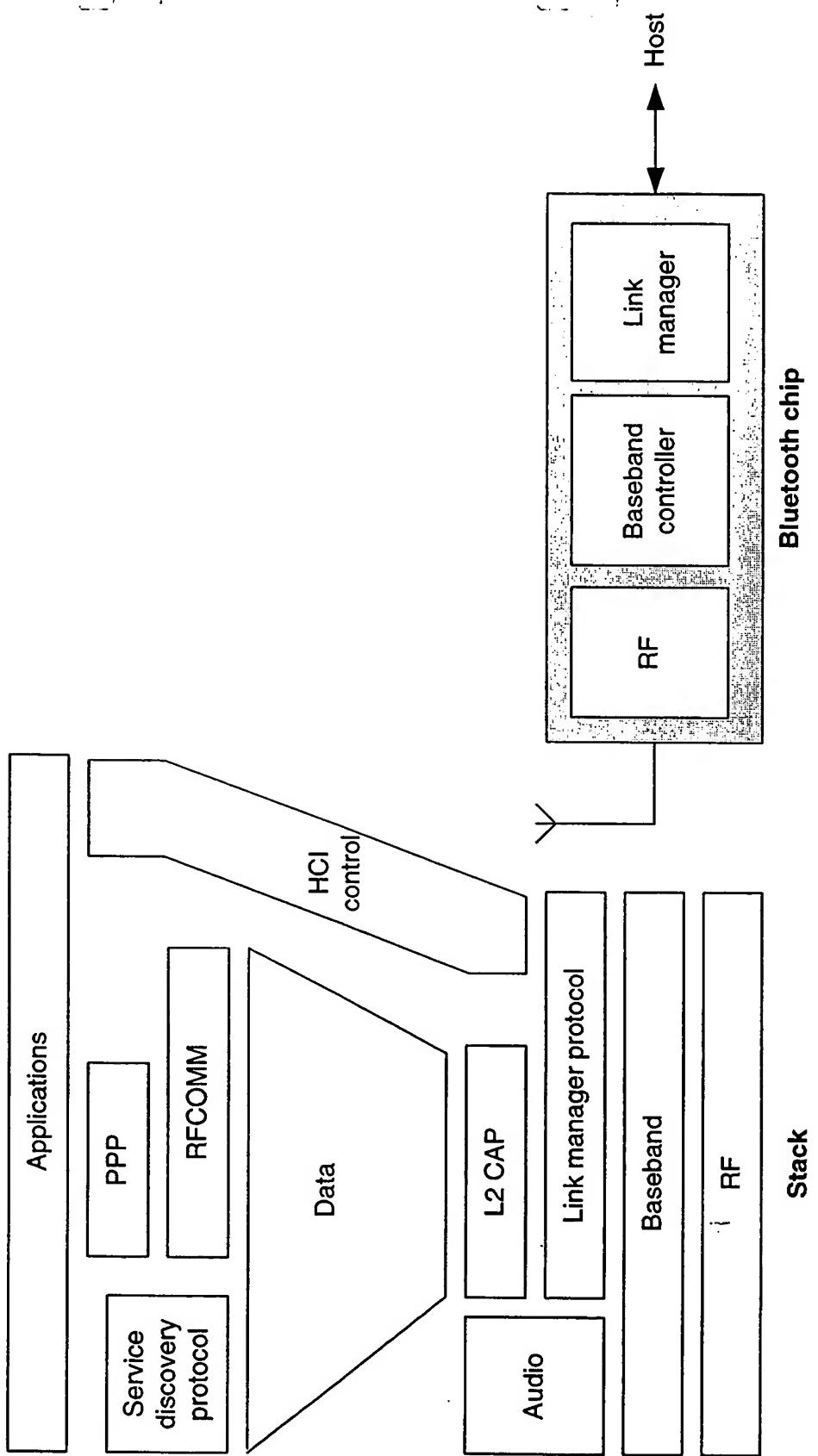
**FIG. 14**

**FIG. 15**



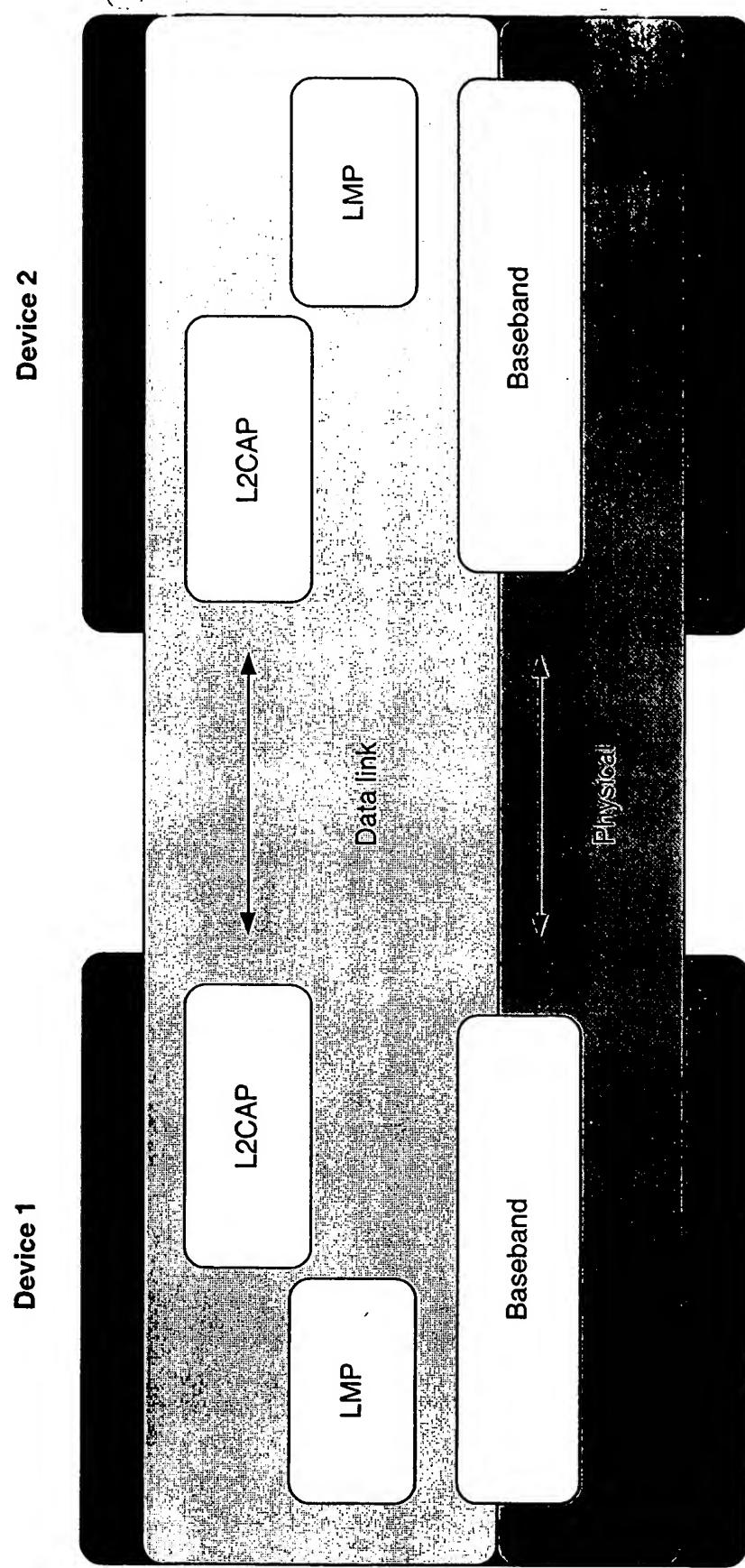


**FIG 16**

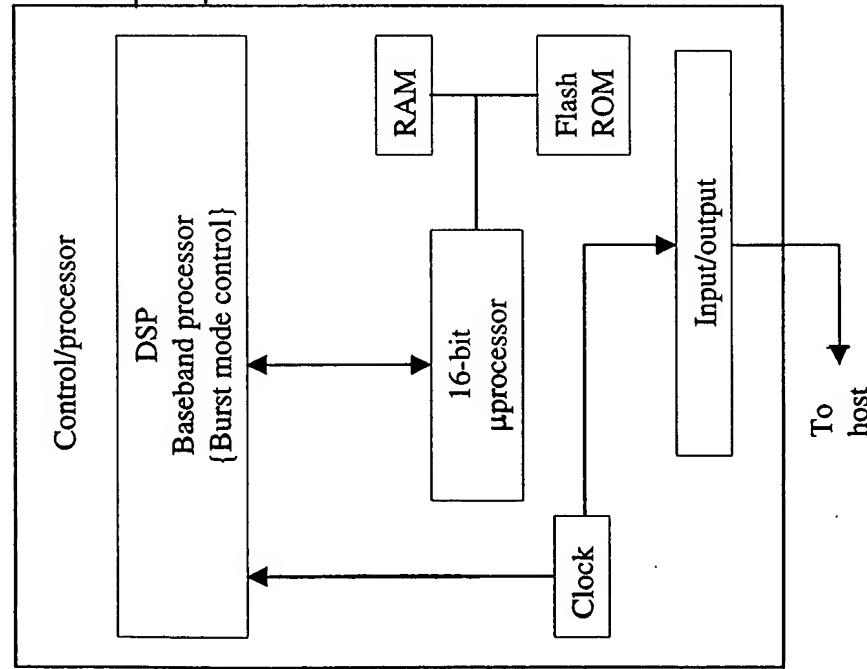


**FIG. 17**

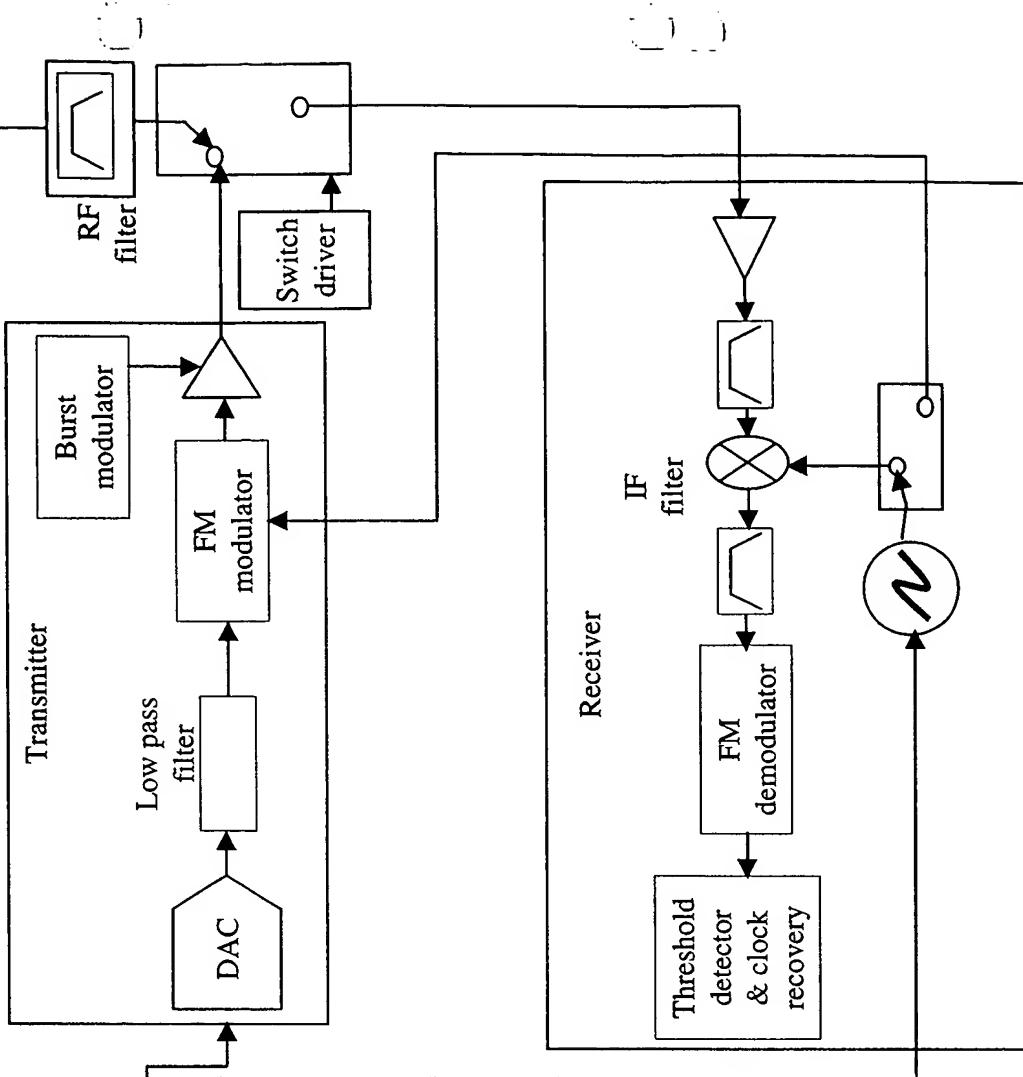
**FIG. 18**



## Baseband

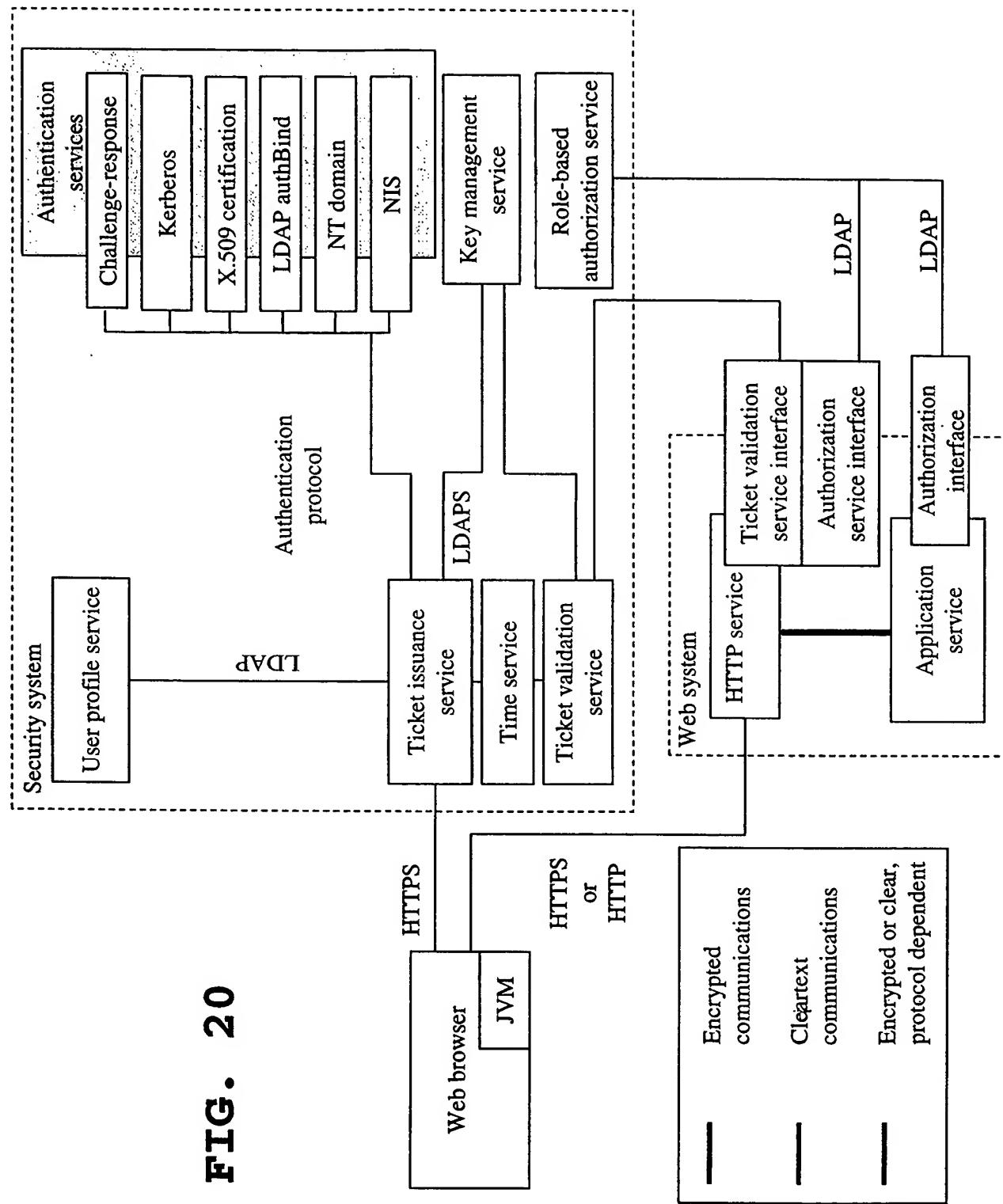


## RF

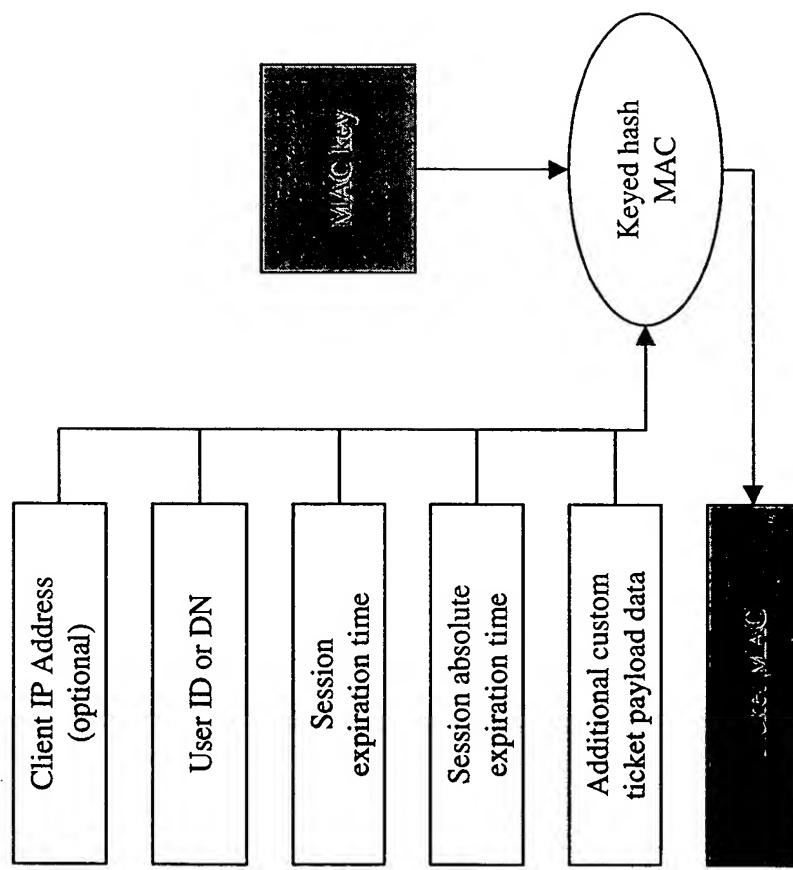


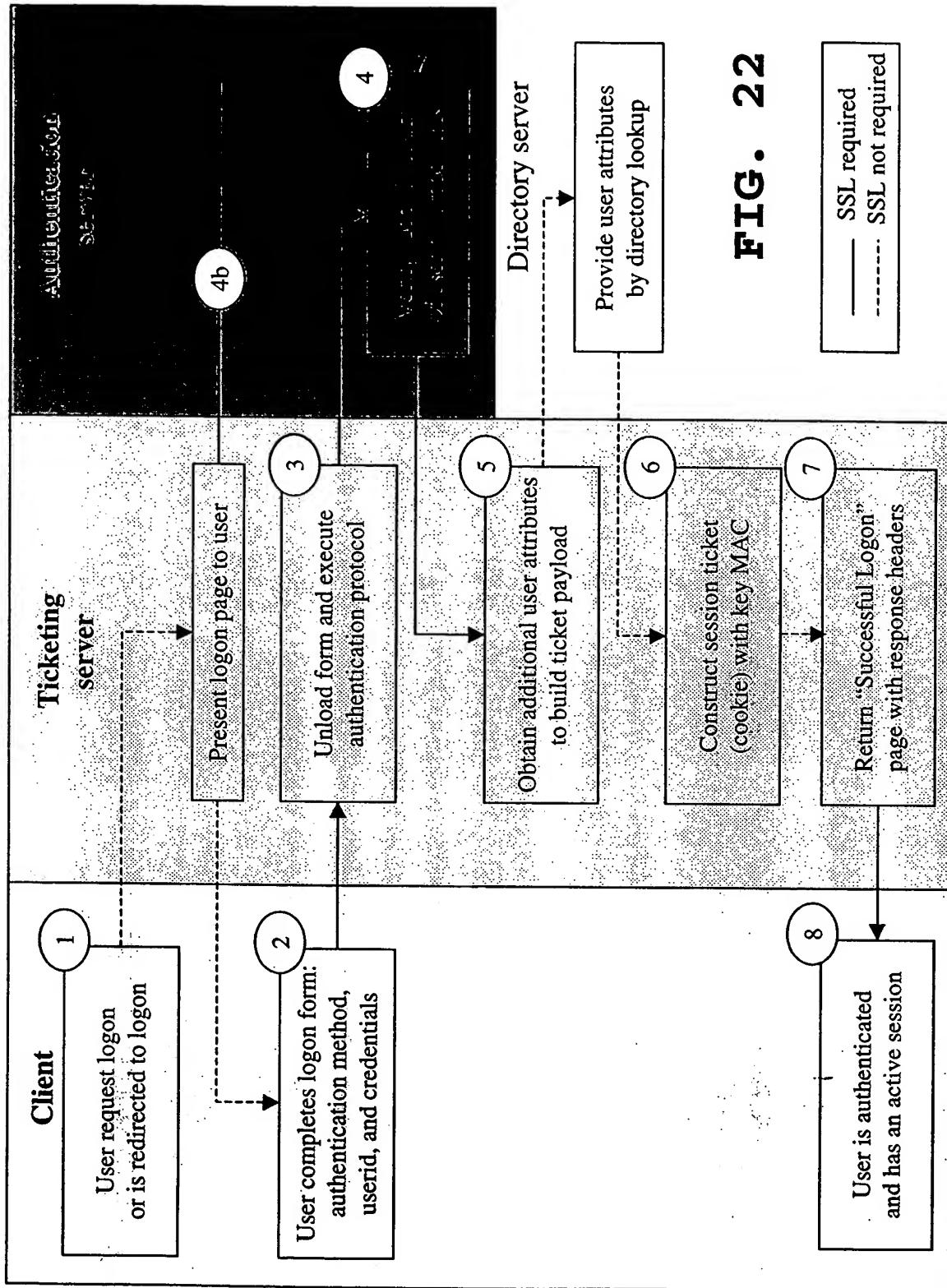
**FIG. 19**

**FIG. 20**

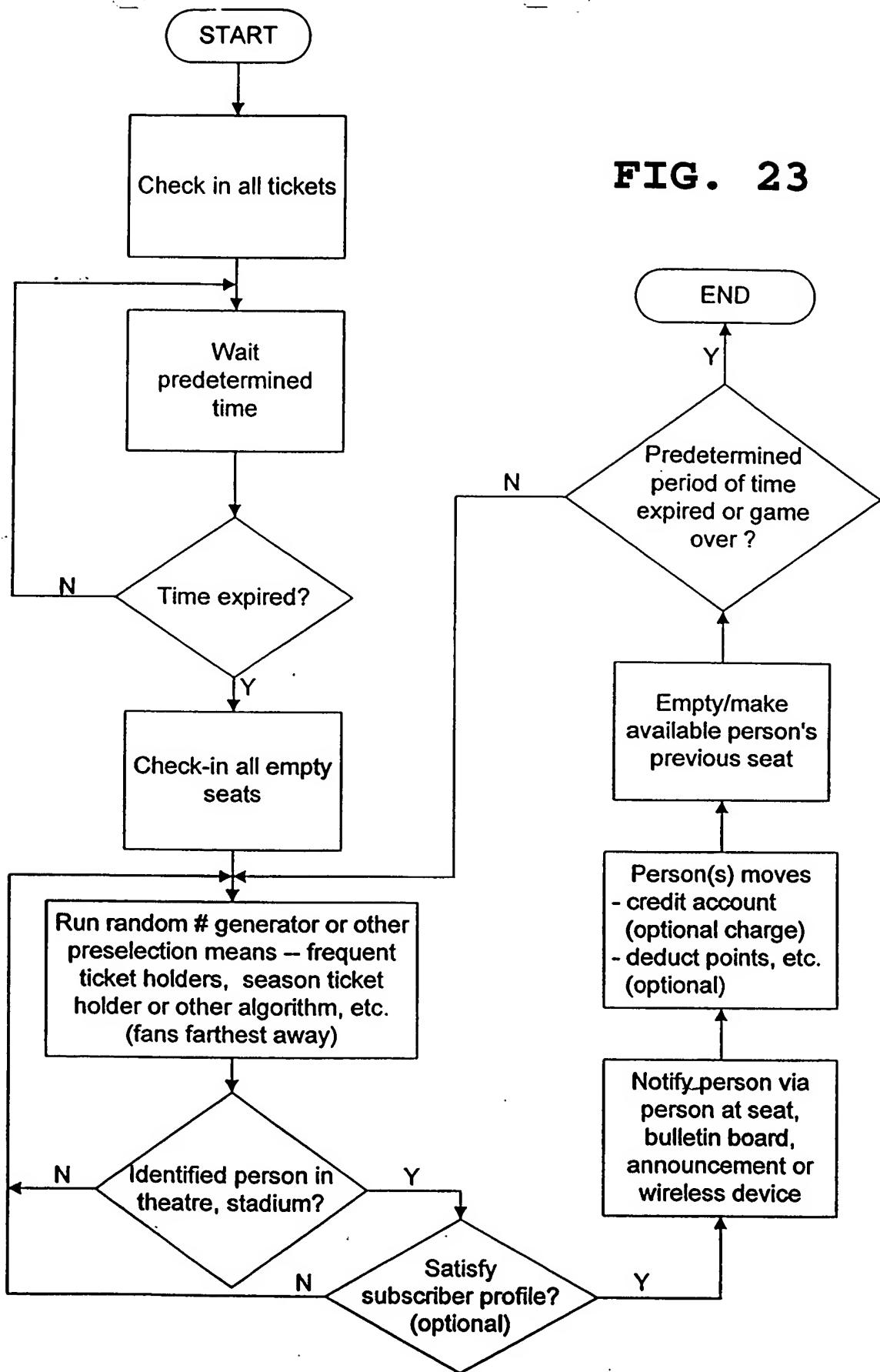


**FIG. 21**

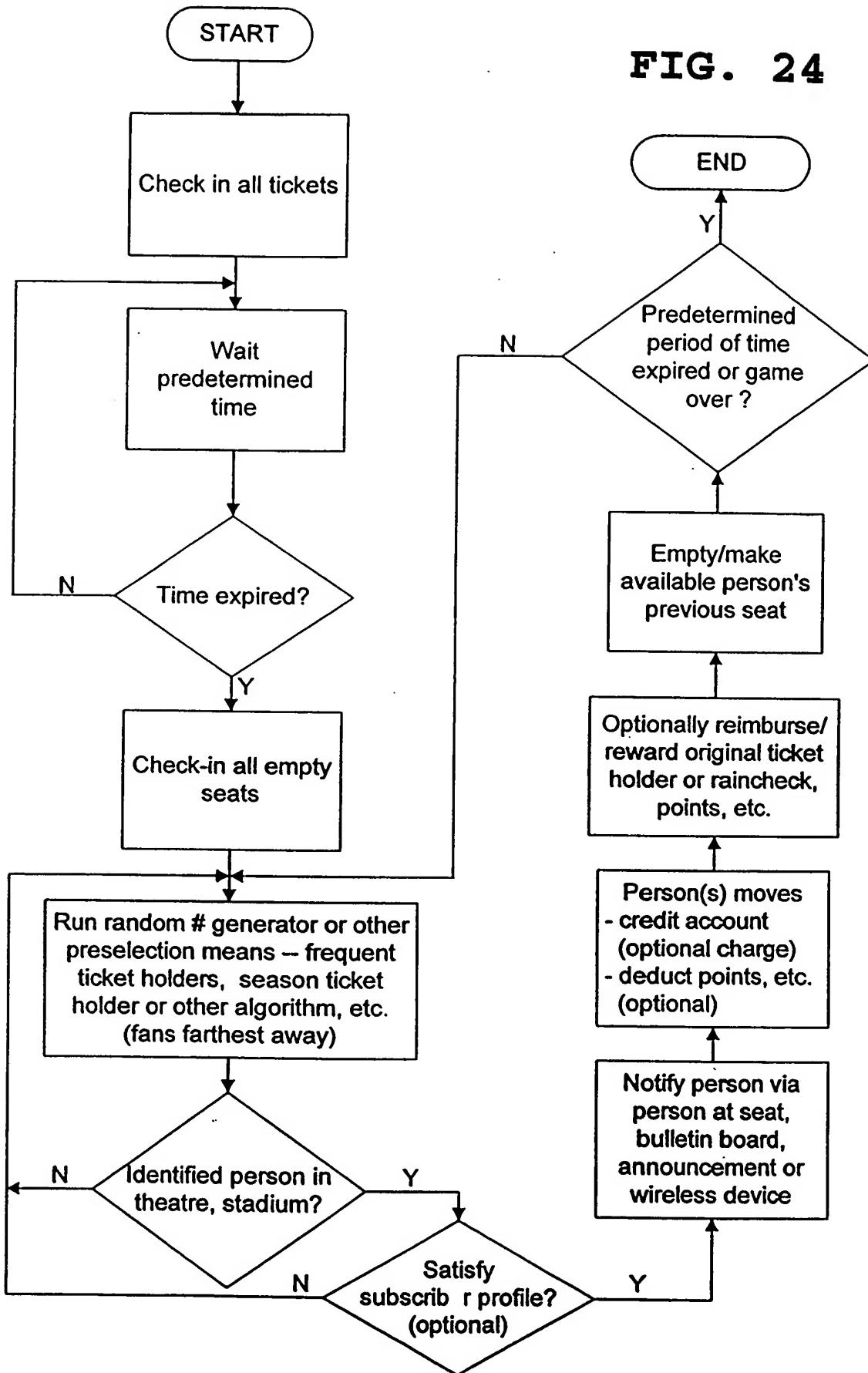




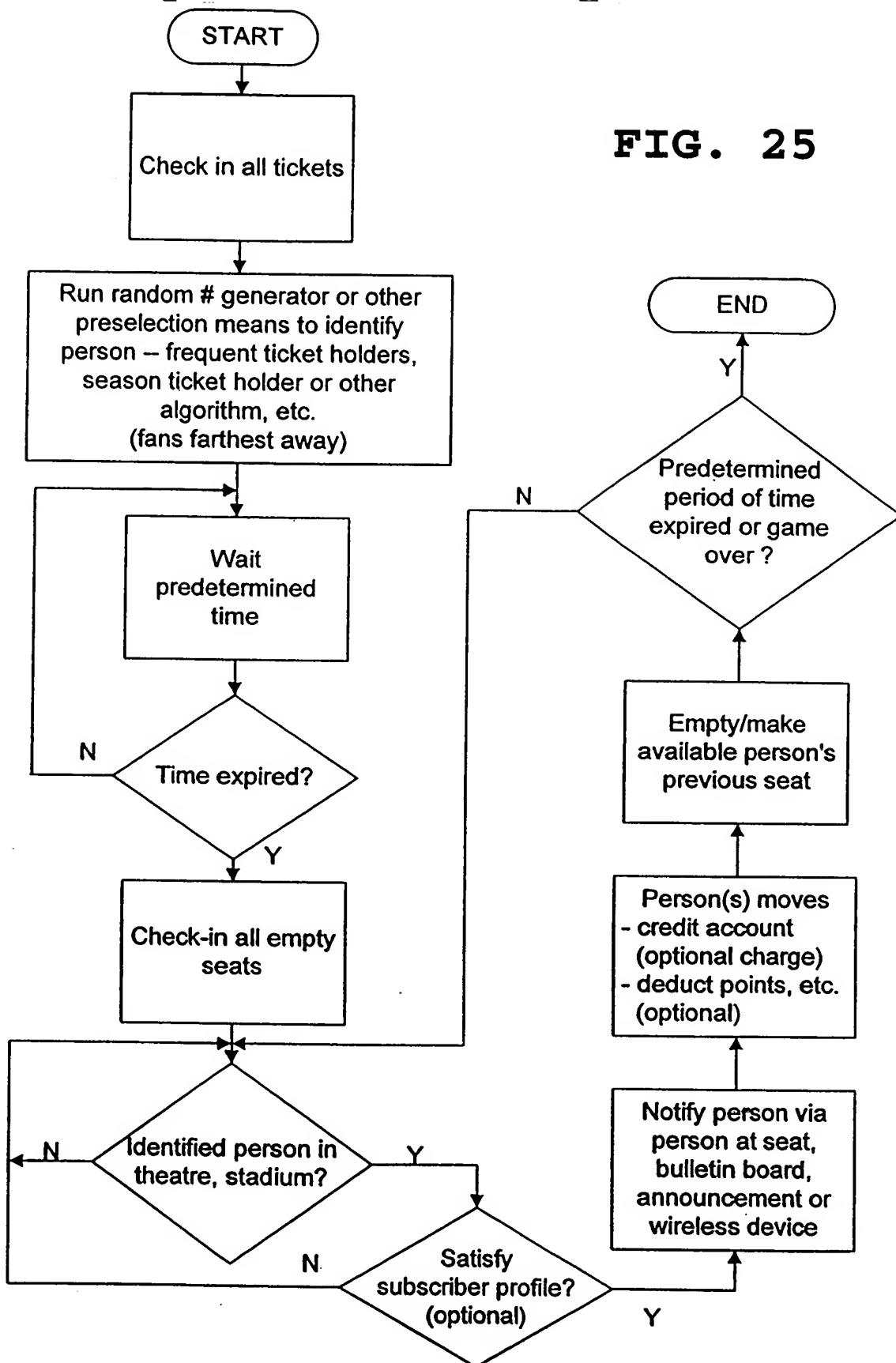
**FIG. 23**



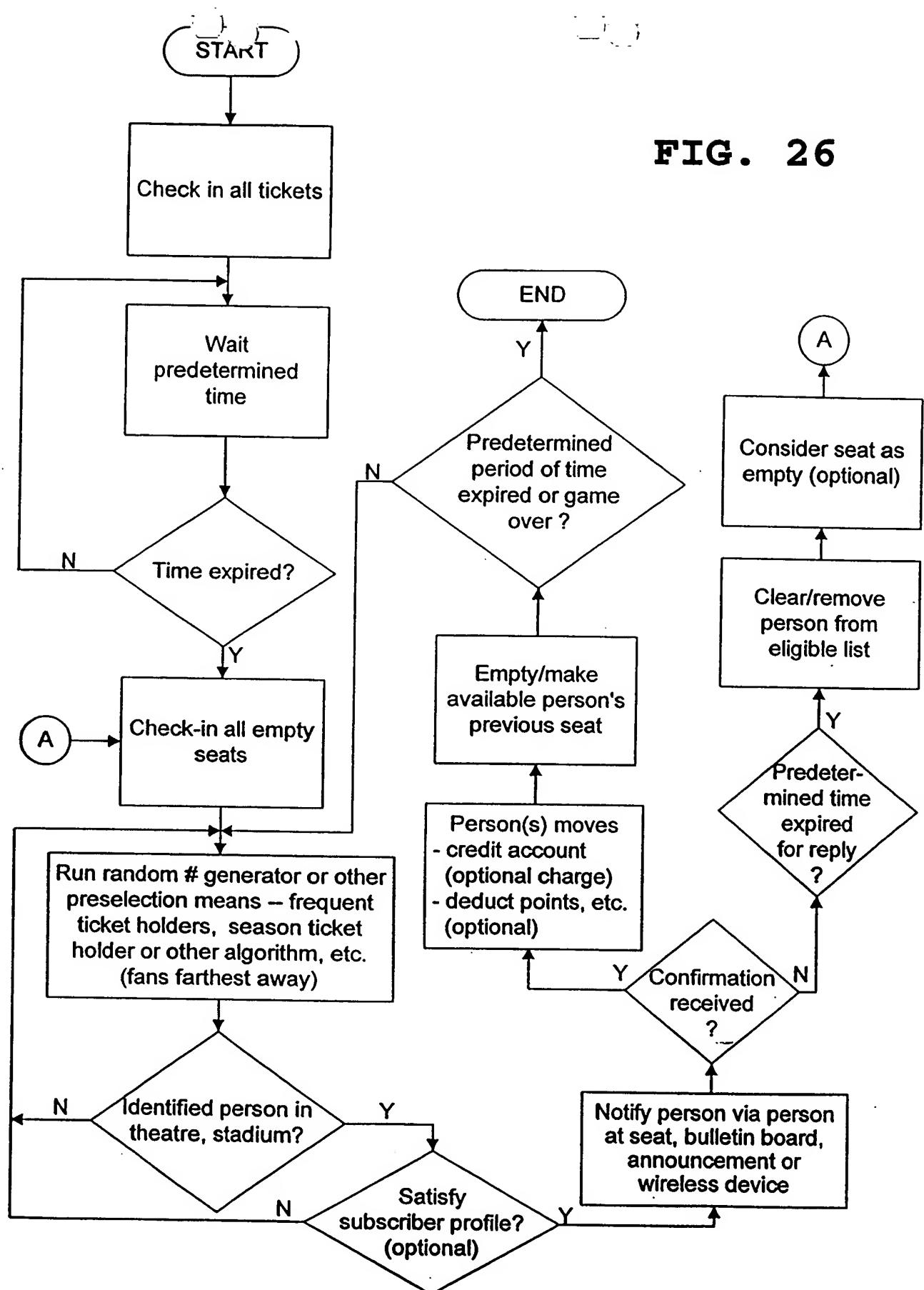
**FIG. 24**



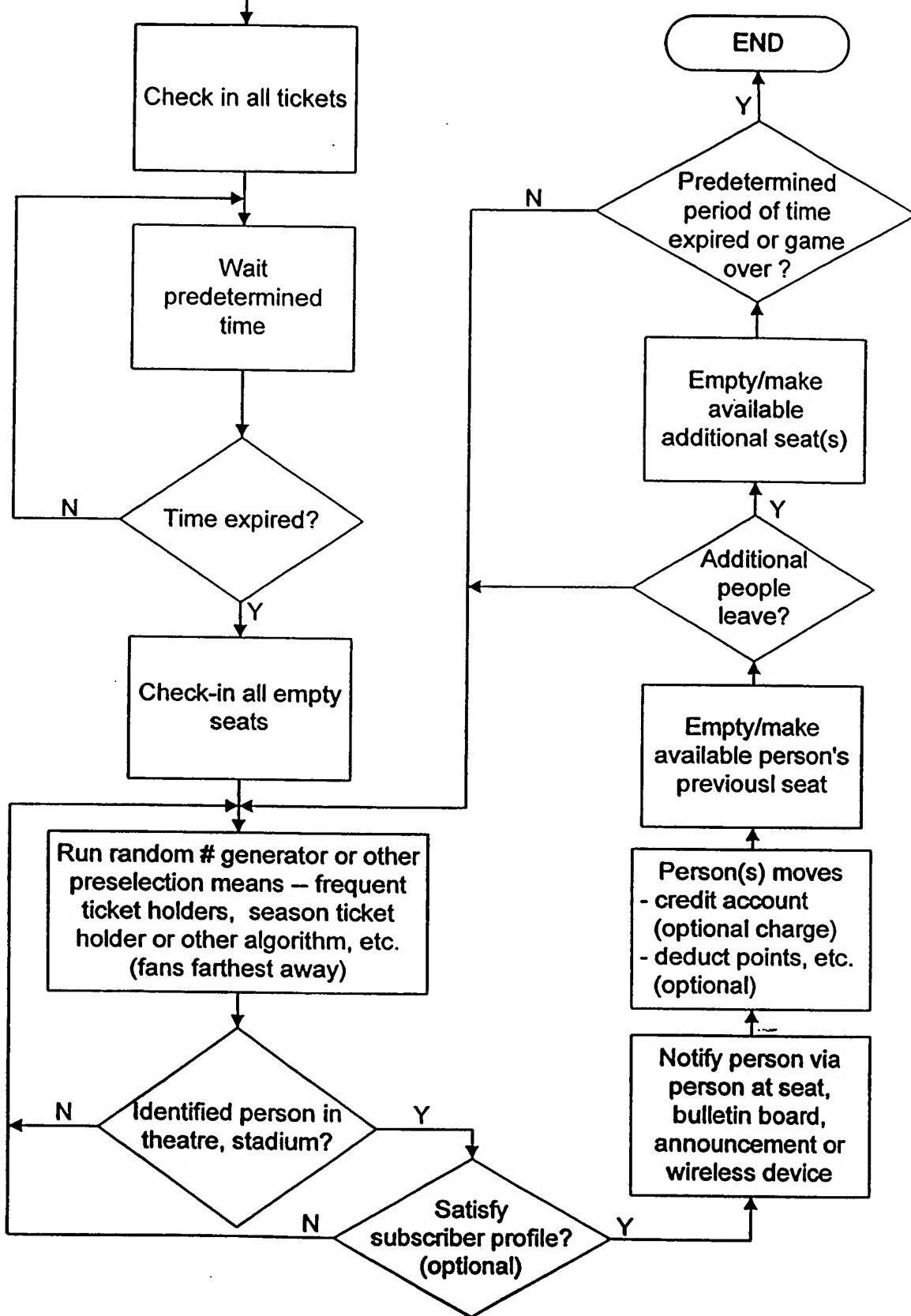
**FIG. 25**



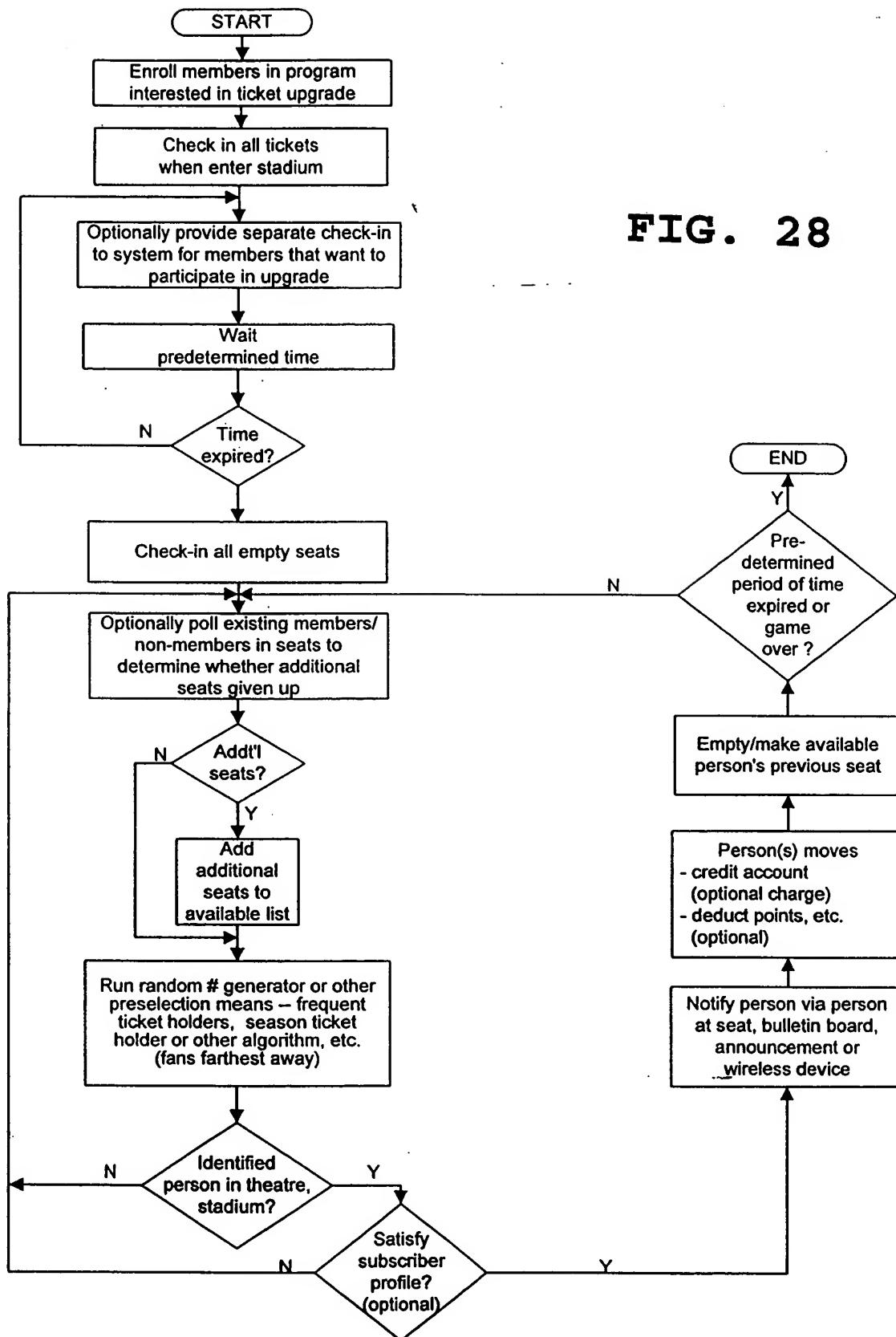
**FIG. 26**



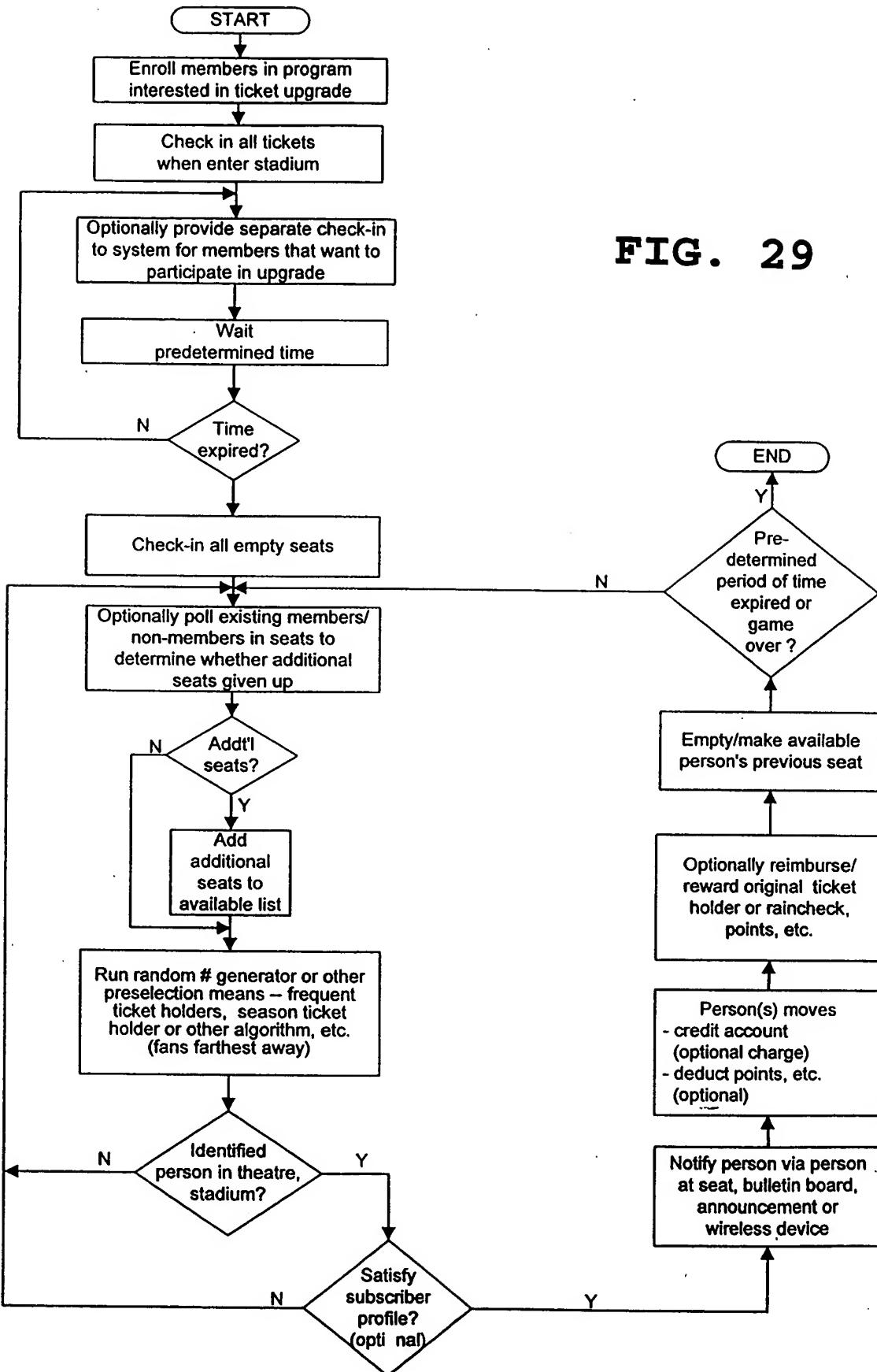
**FIG. 27**



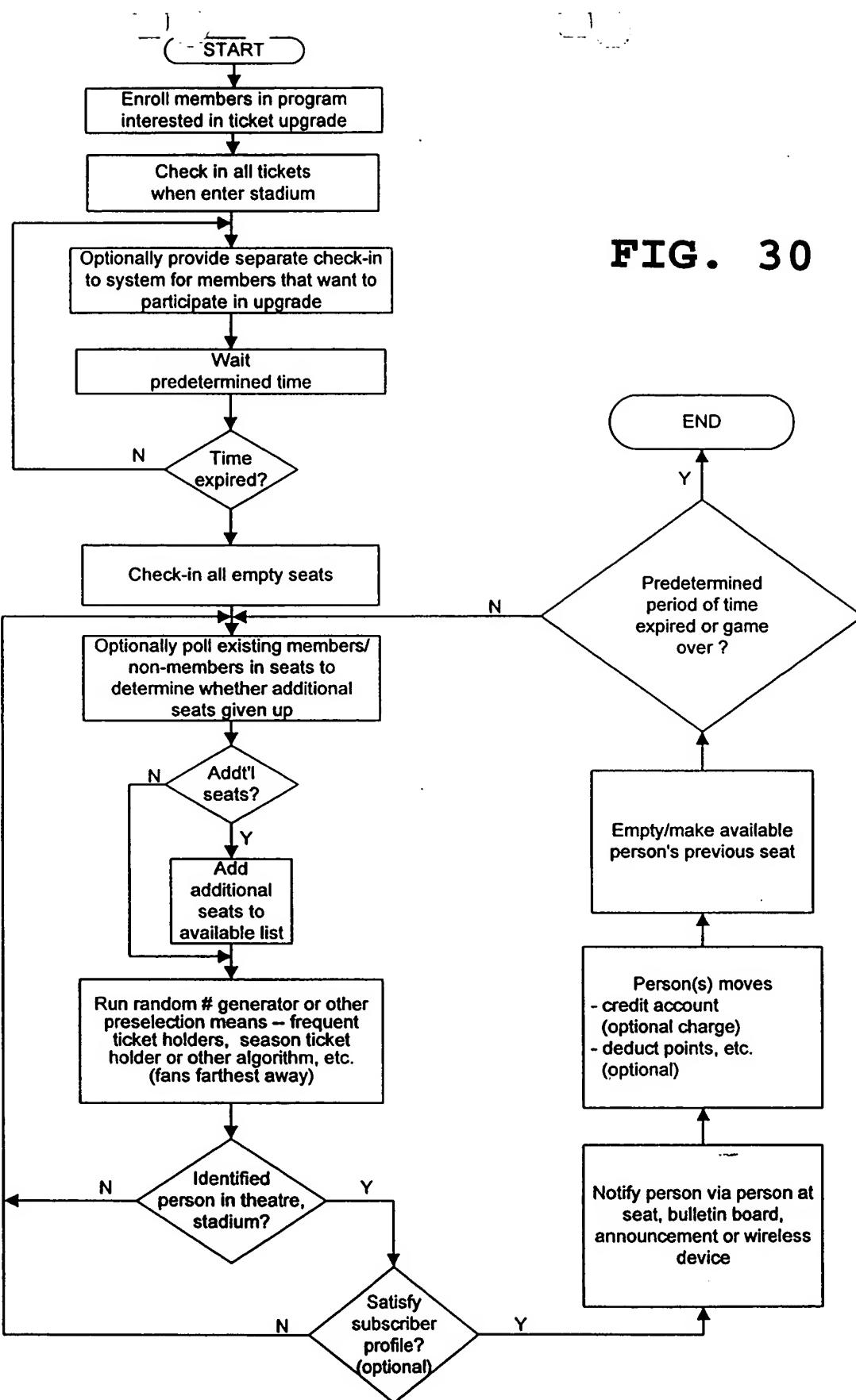
**FIG. 28**



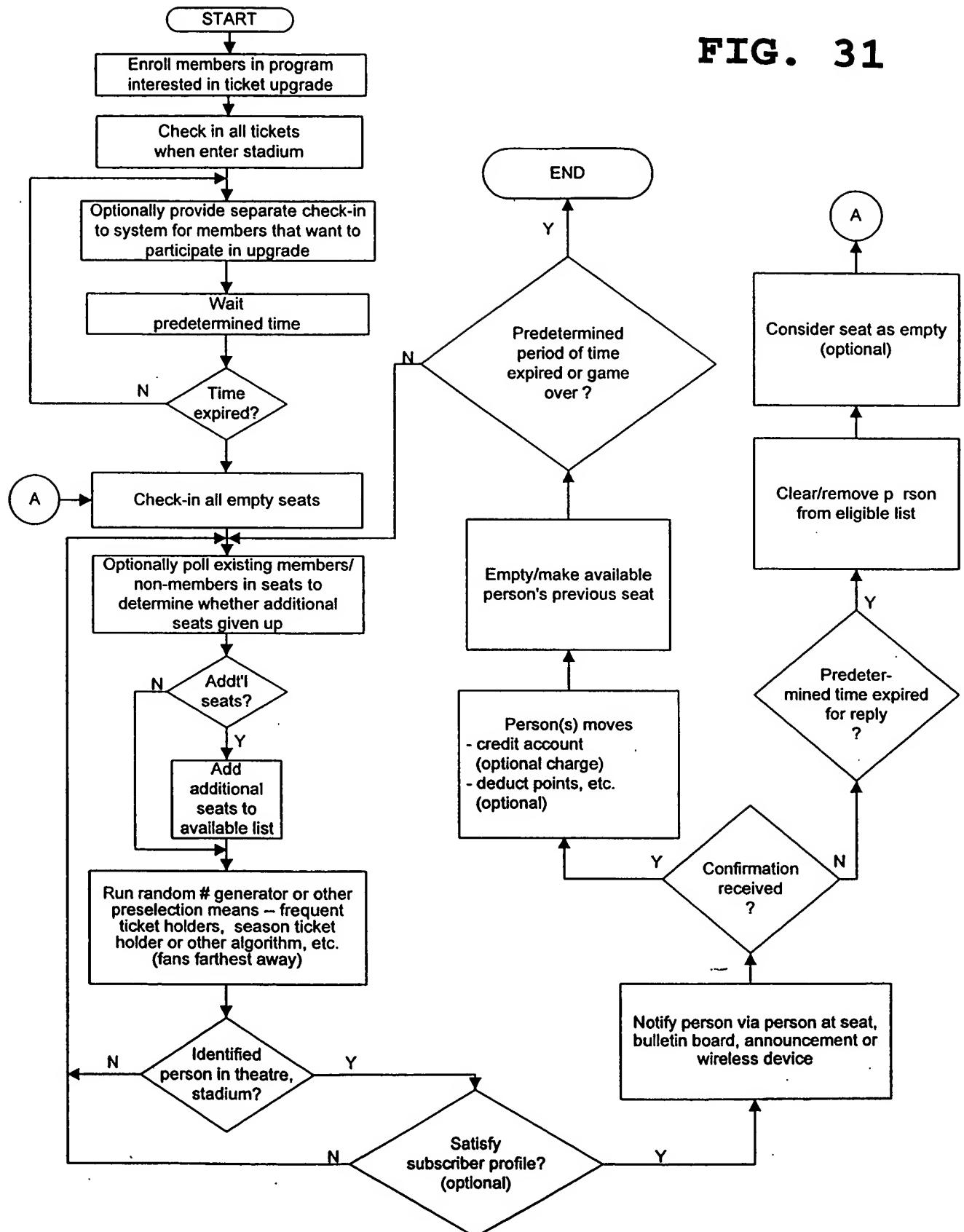
**FIG. 29**

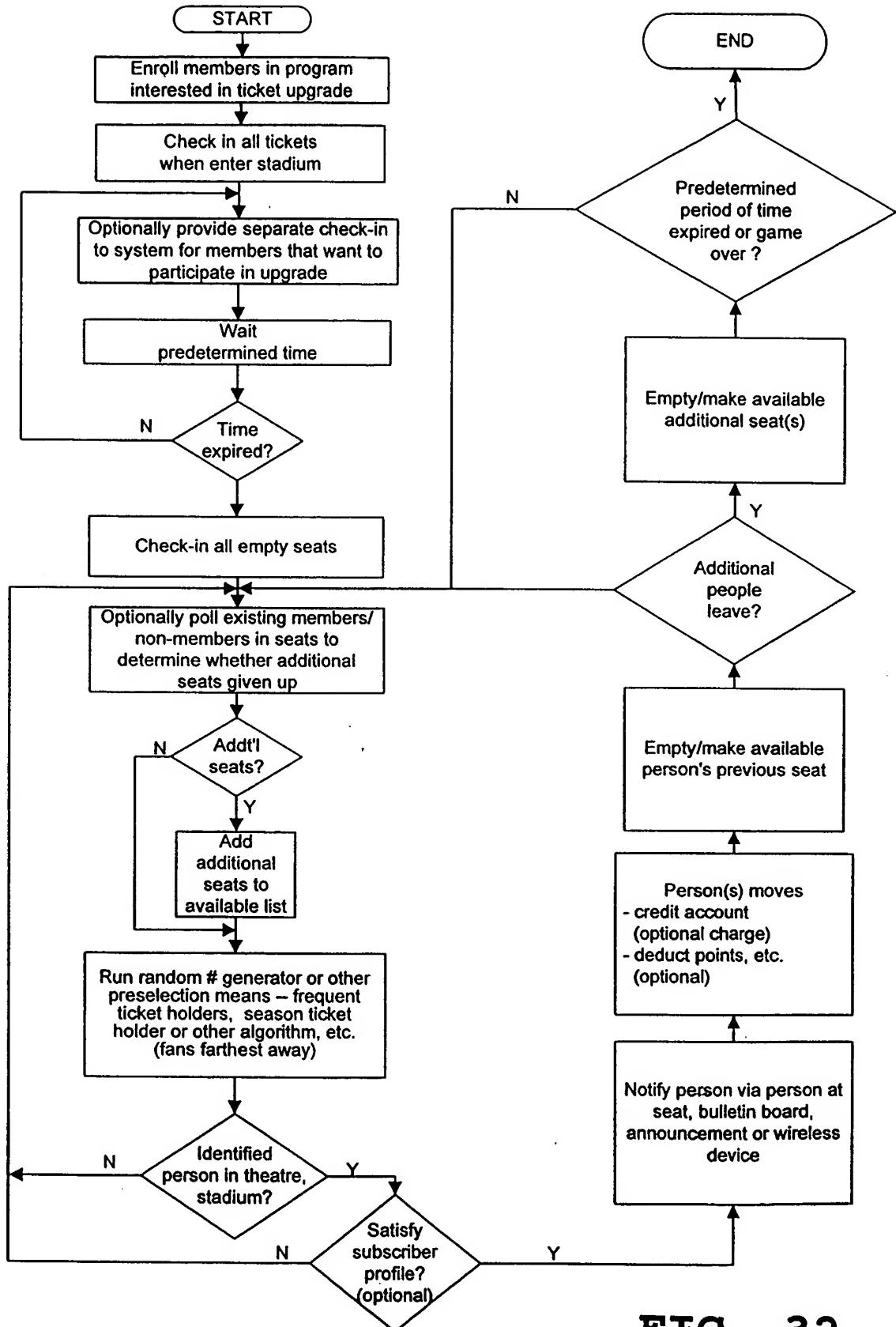


**FIG. 30**



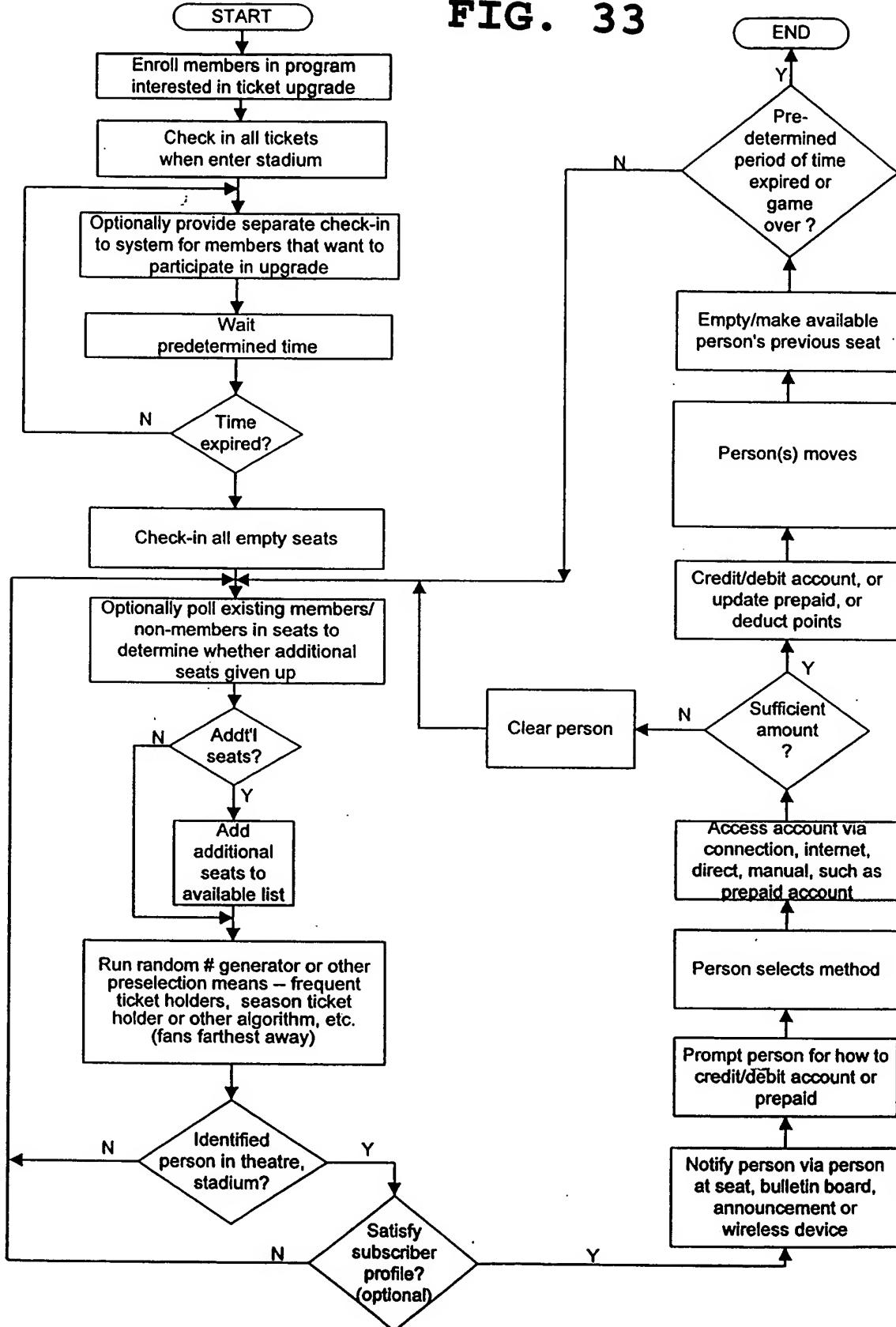
**FIG. 31**



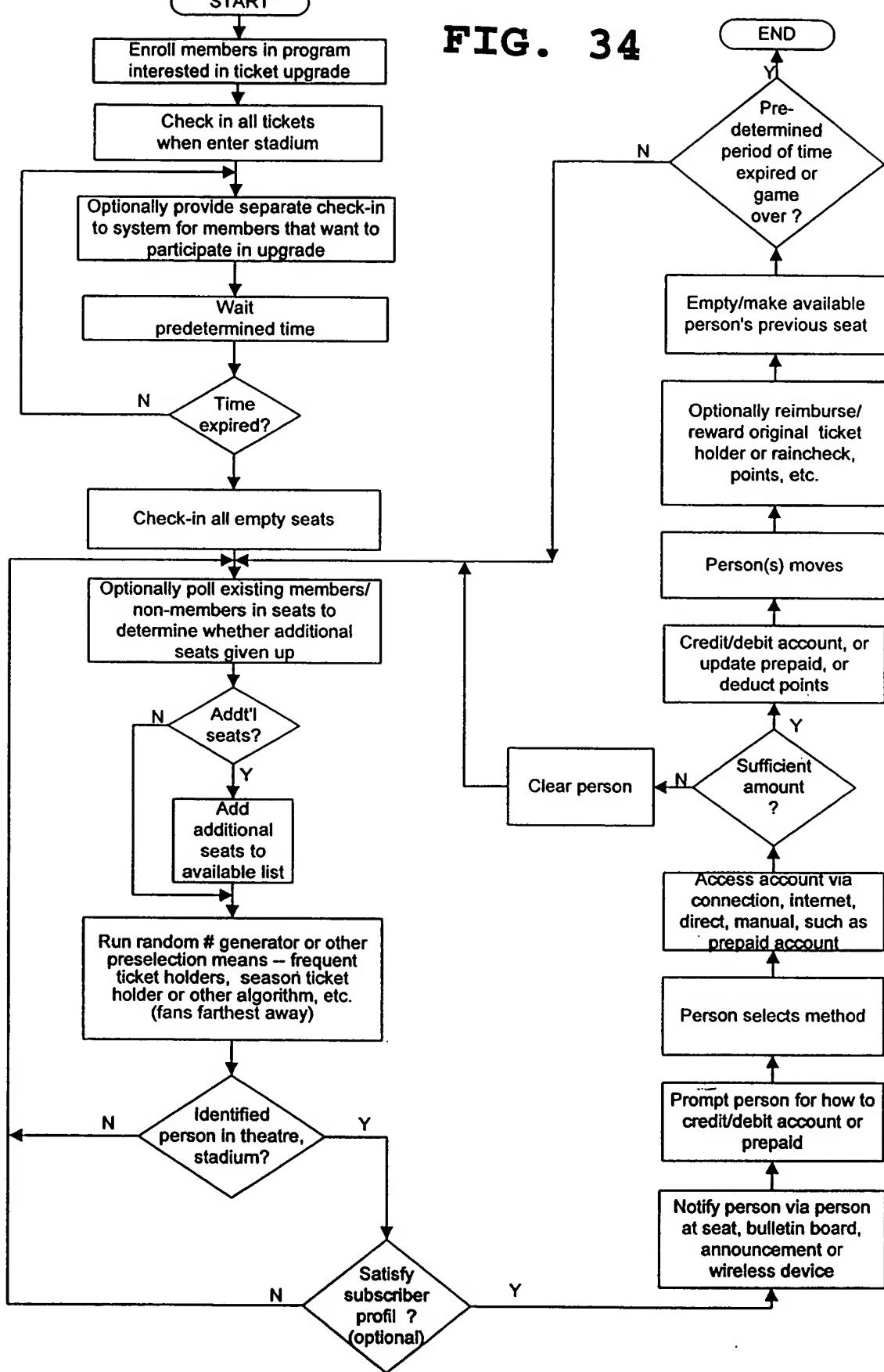


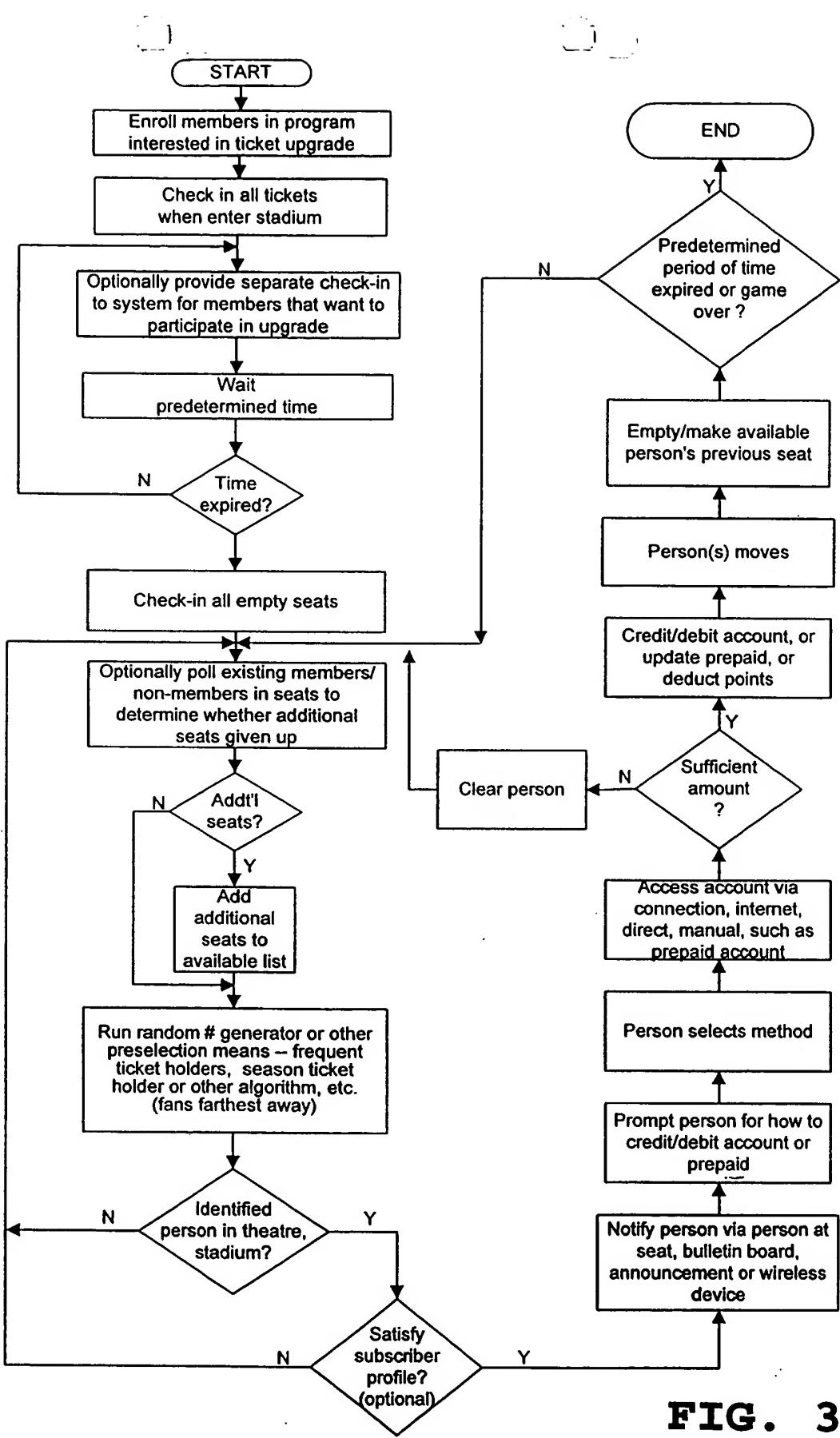
**FIG. 32**

**FIG. 33**



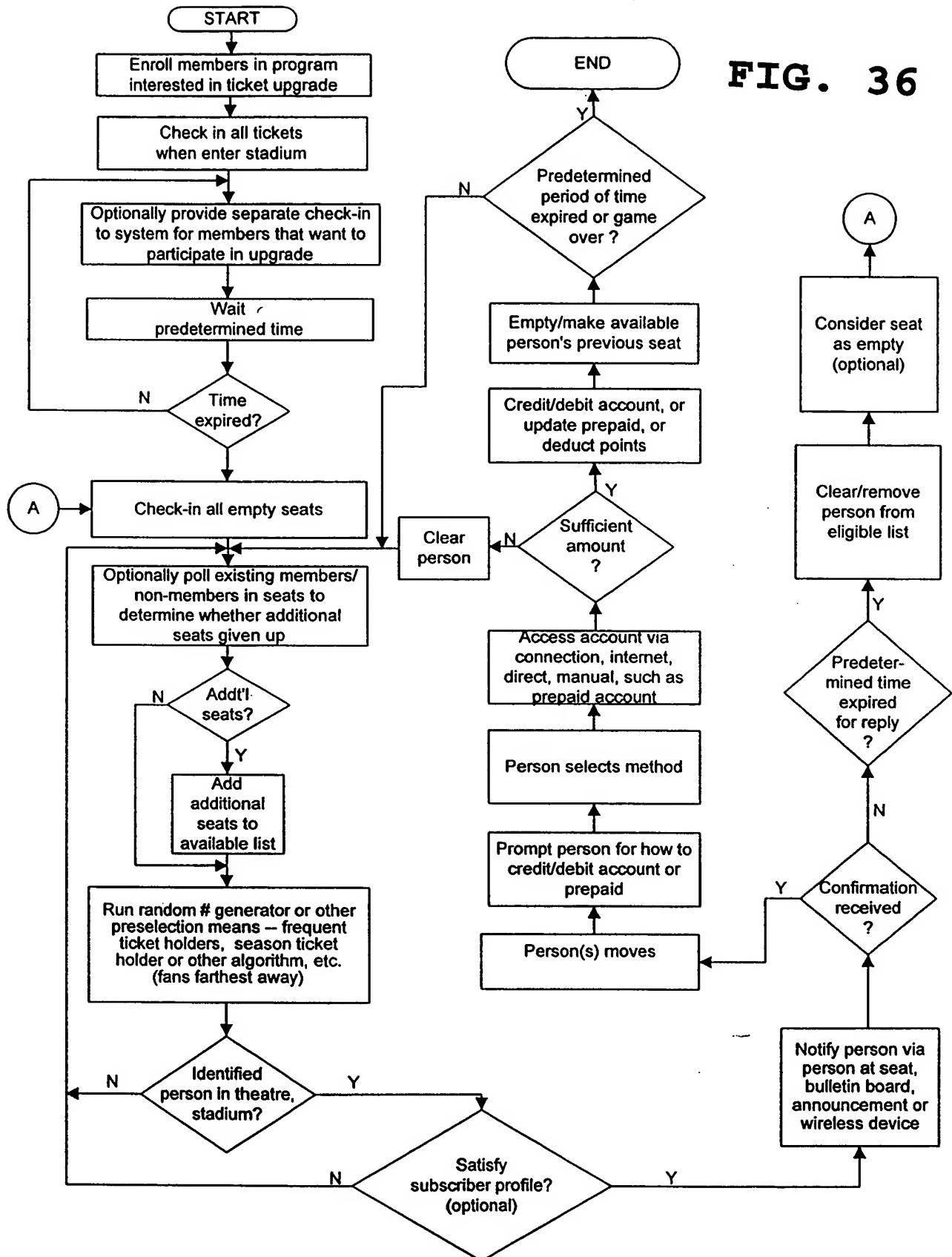
**FIG. 34**

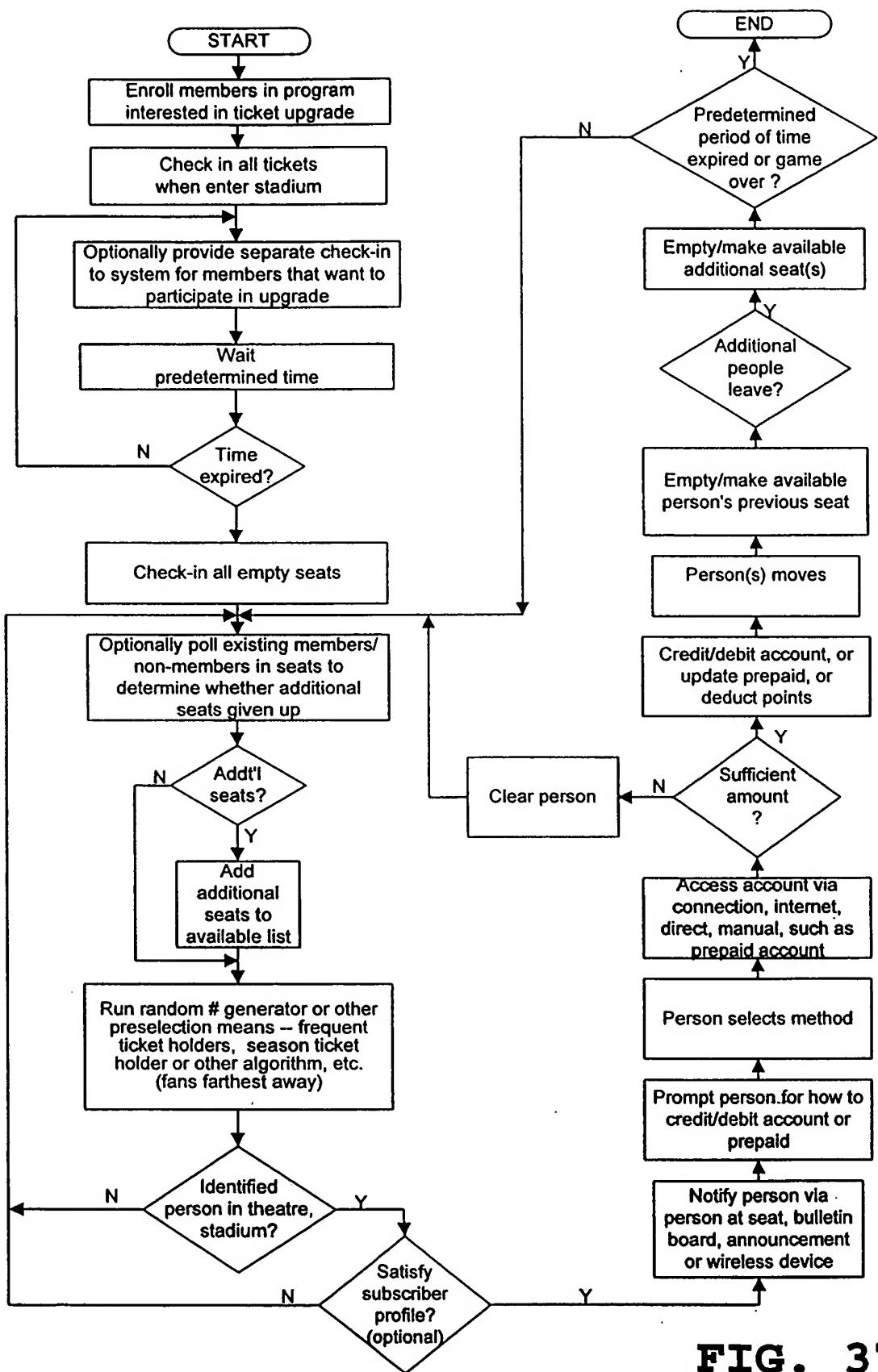




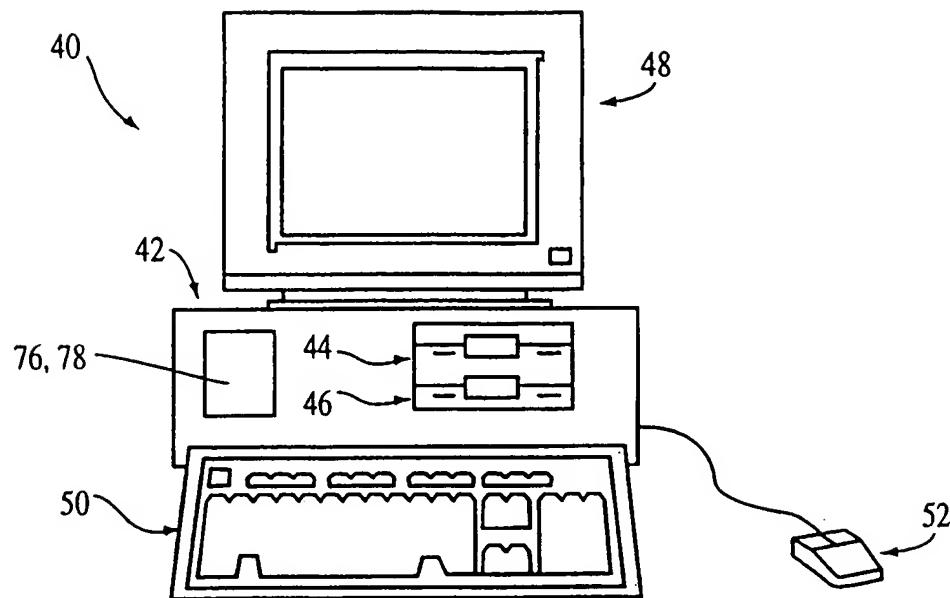
**FIG. 35**

**FIG. 36**

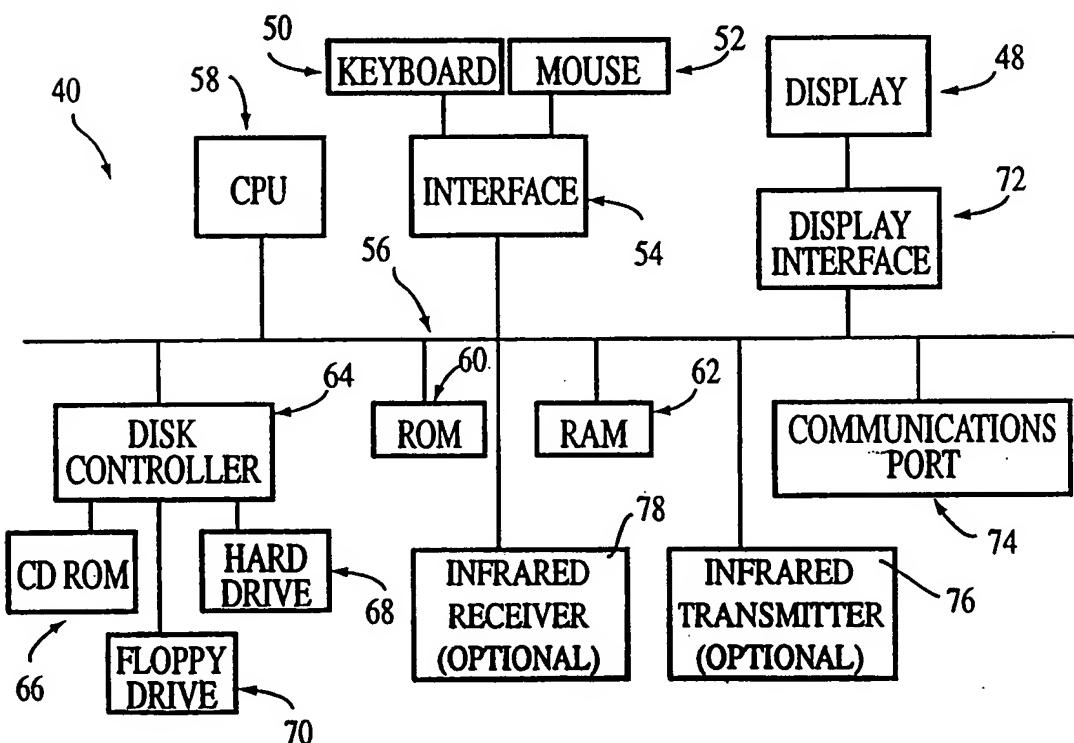




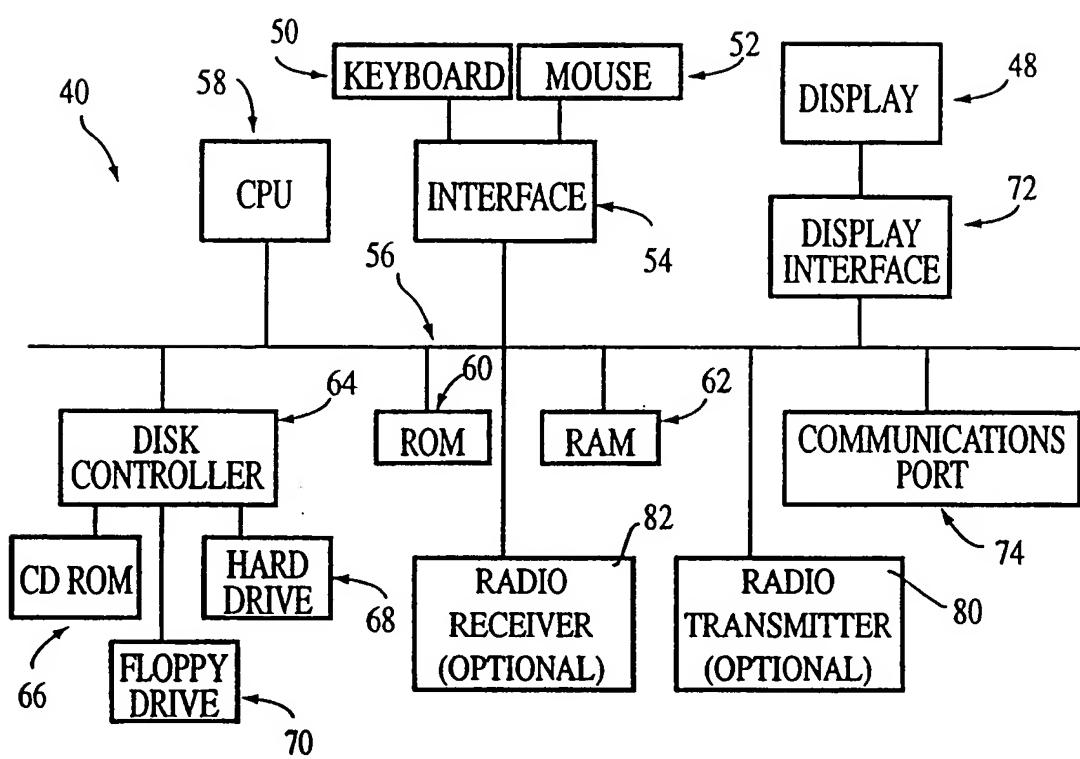
**FIG. 37**



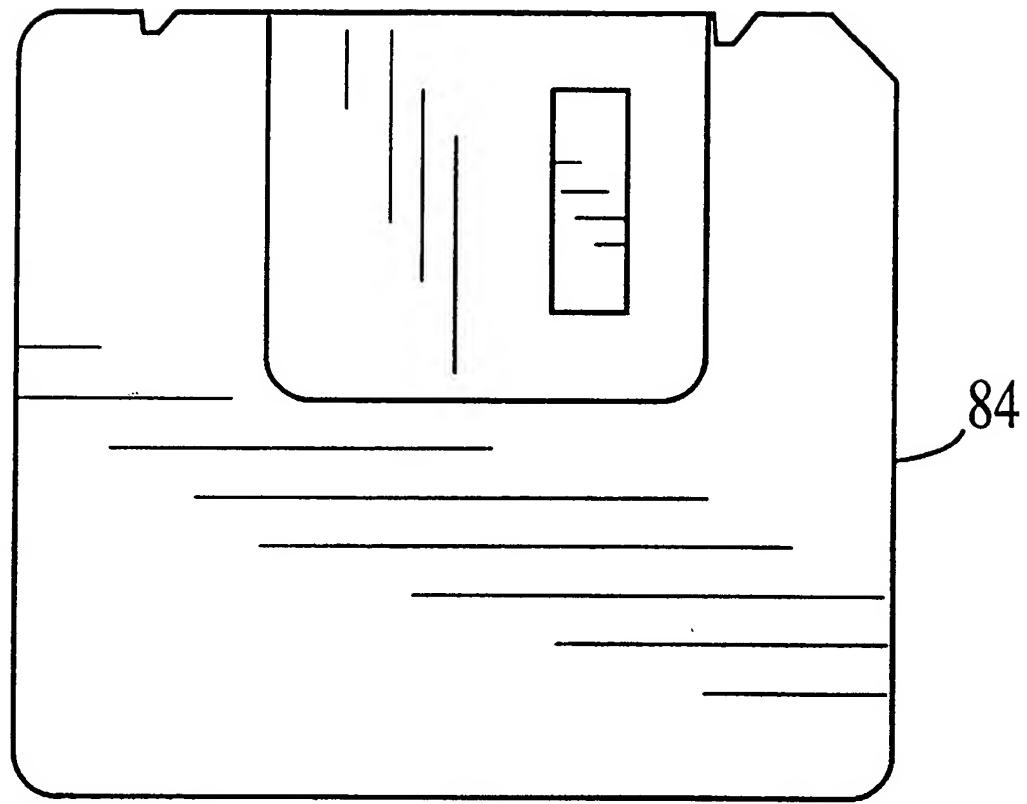
**FIG. 38**



**FIG. 39**

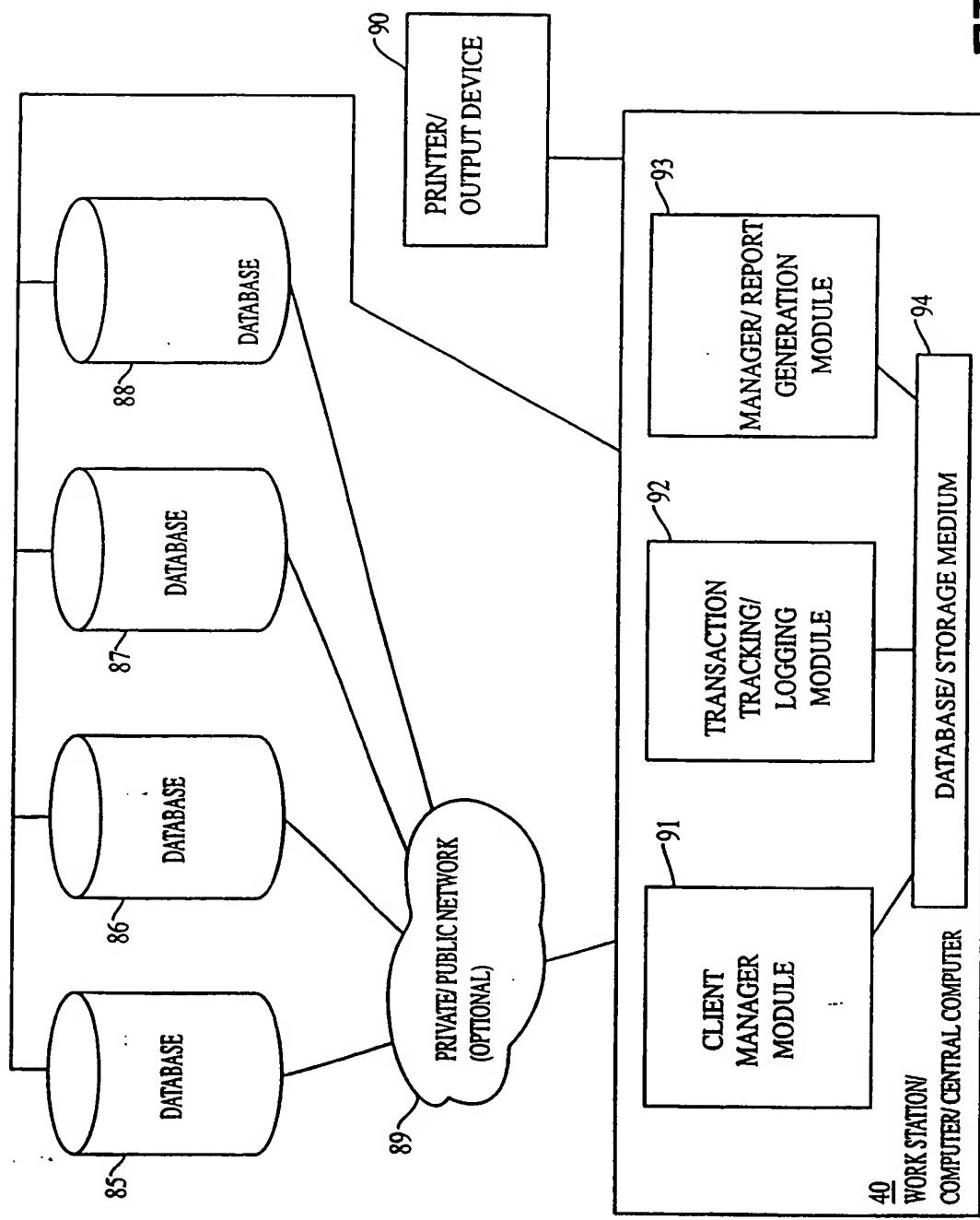


**FIG. 40**

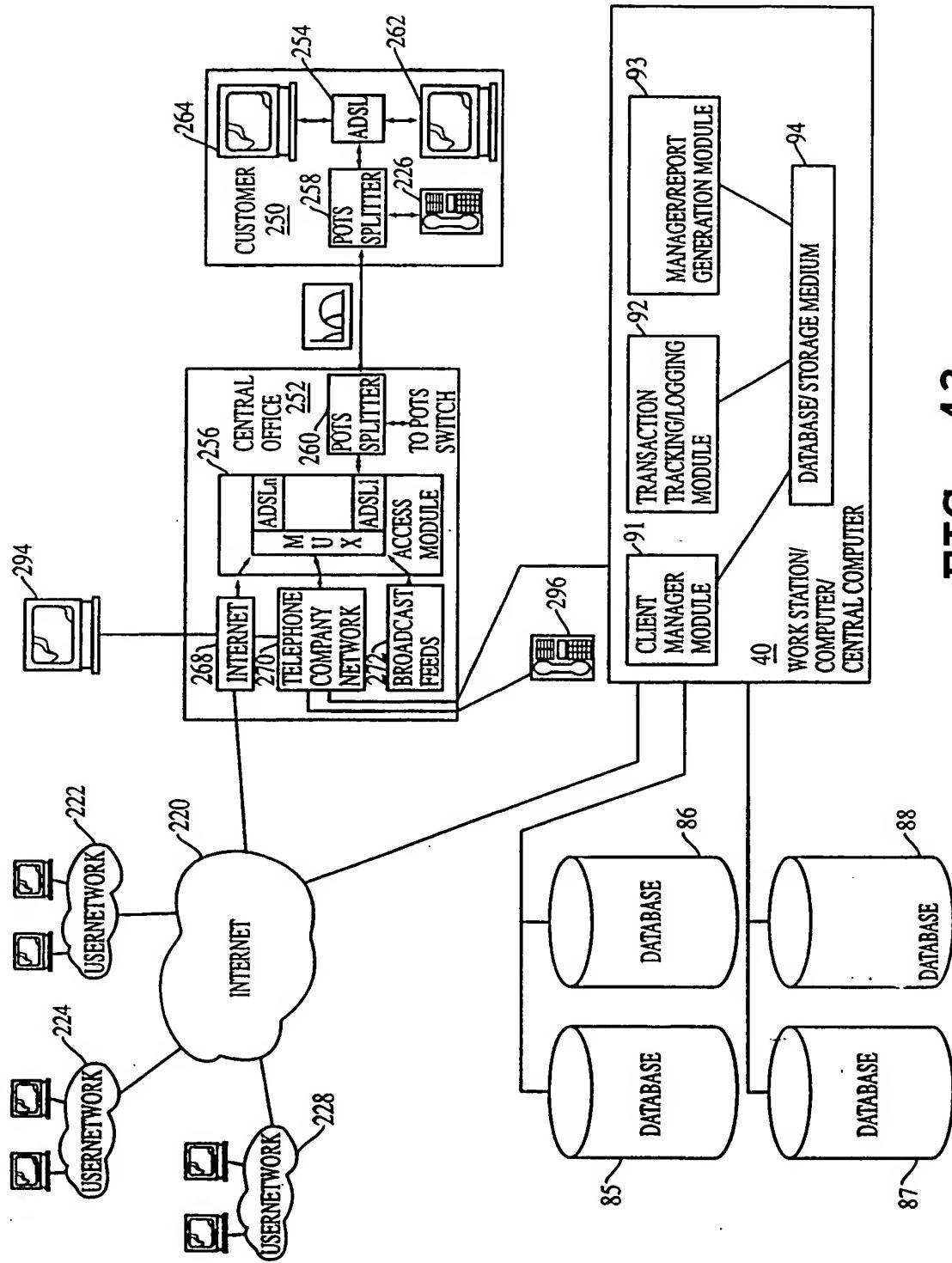


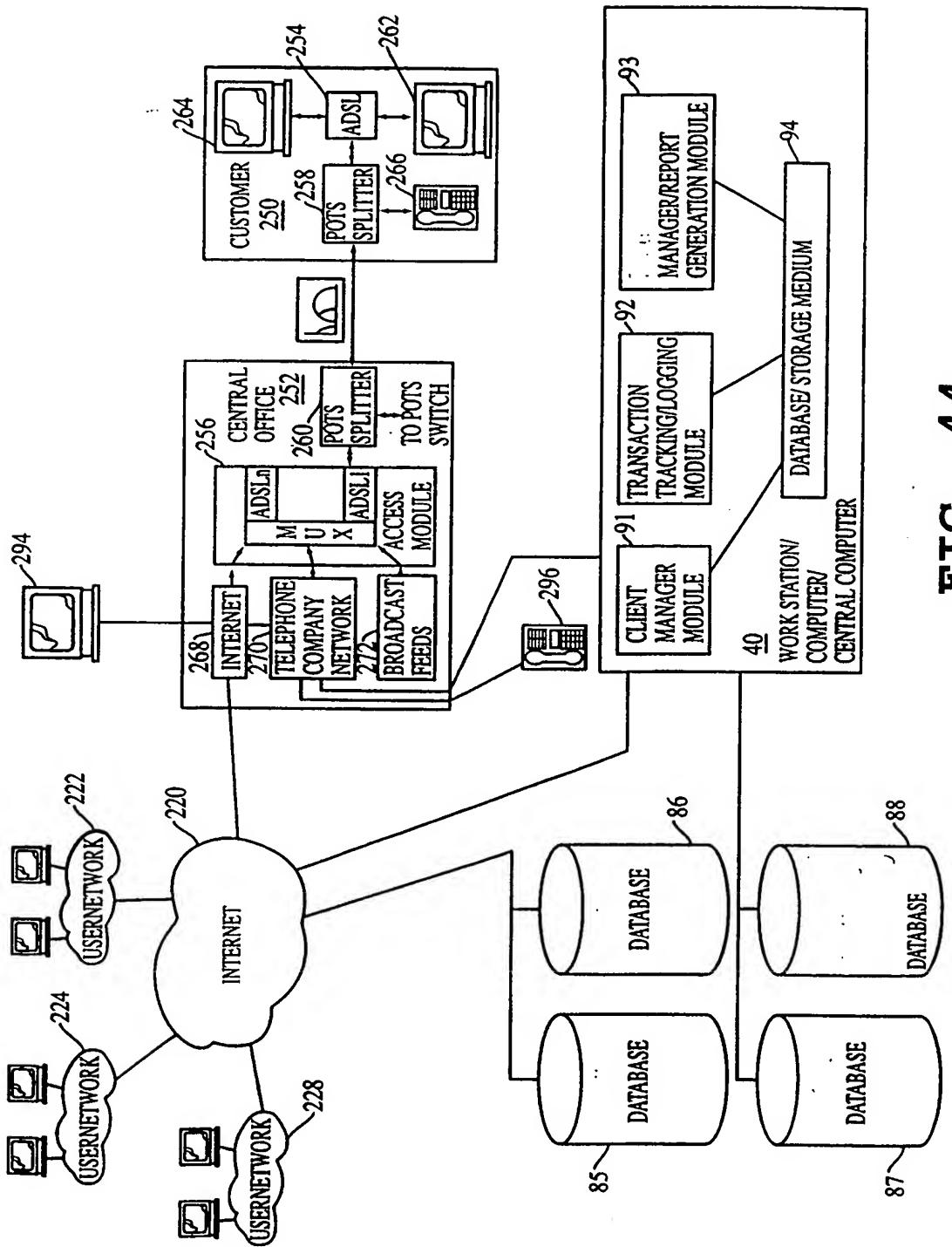
**FIG. 41**

**FIG. 42**



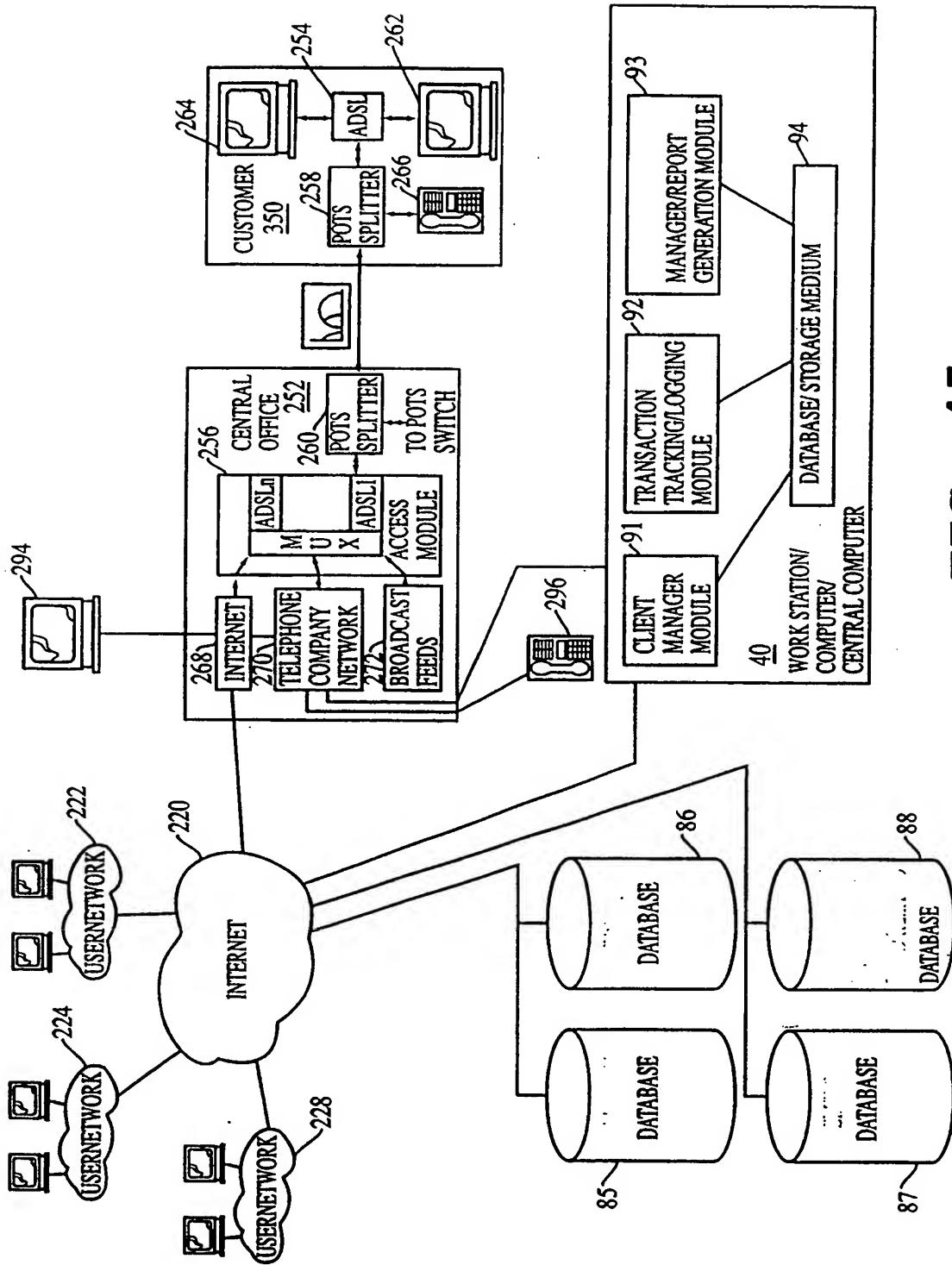
**FIG. 43**



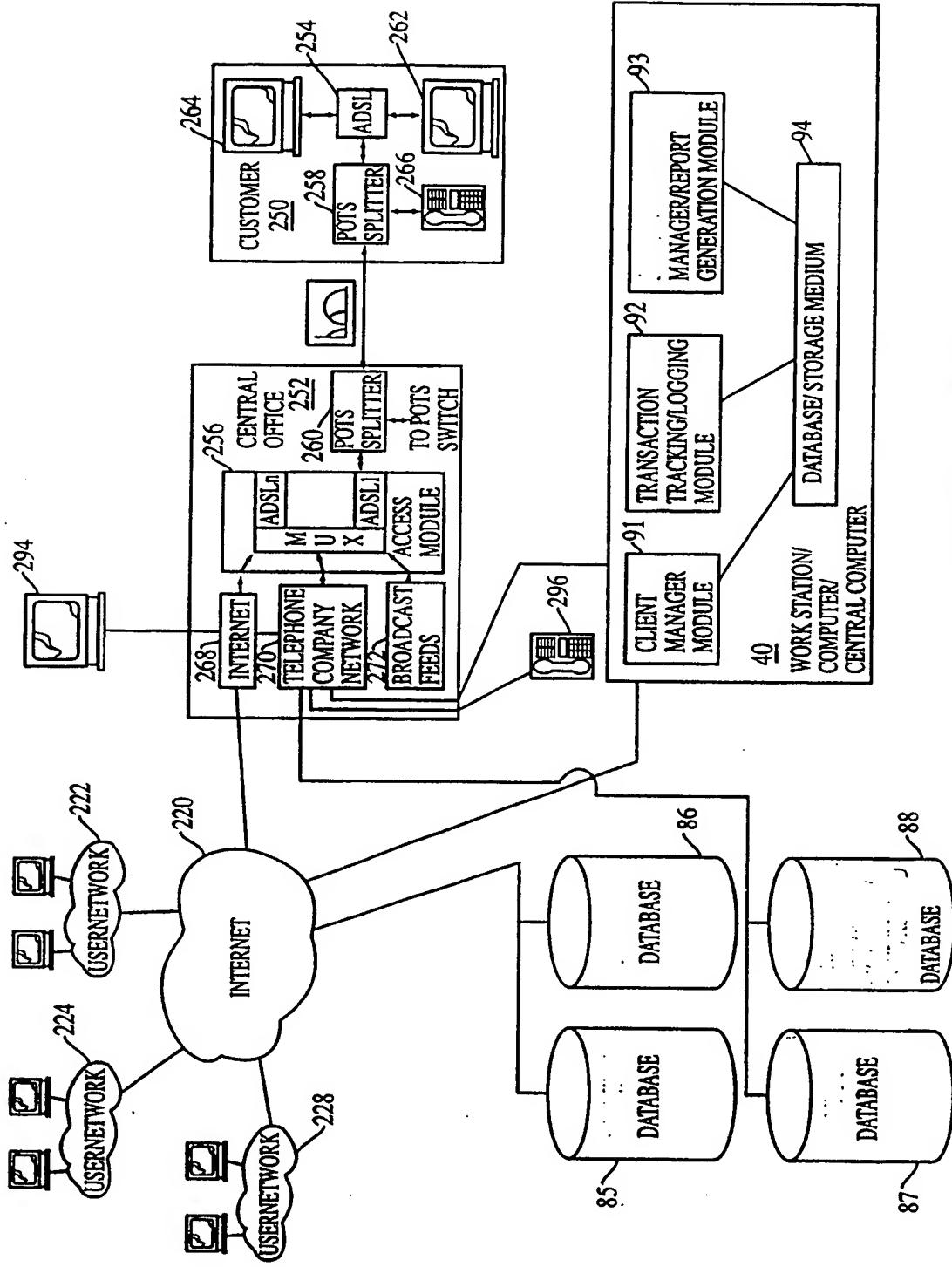


**FIG. 44**

**FIG. 45**



**FIG. 46**



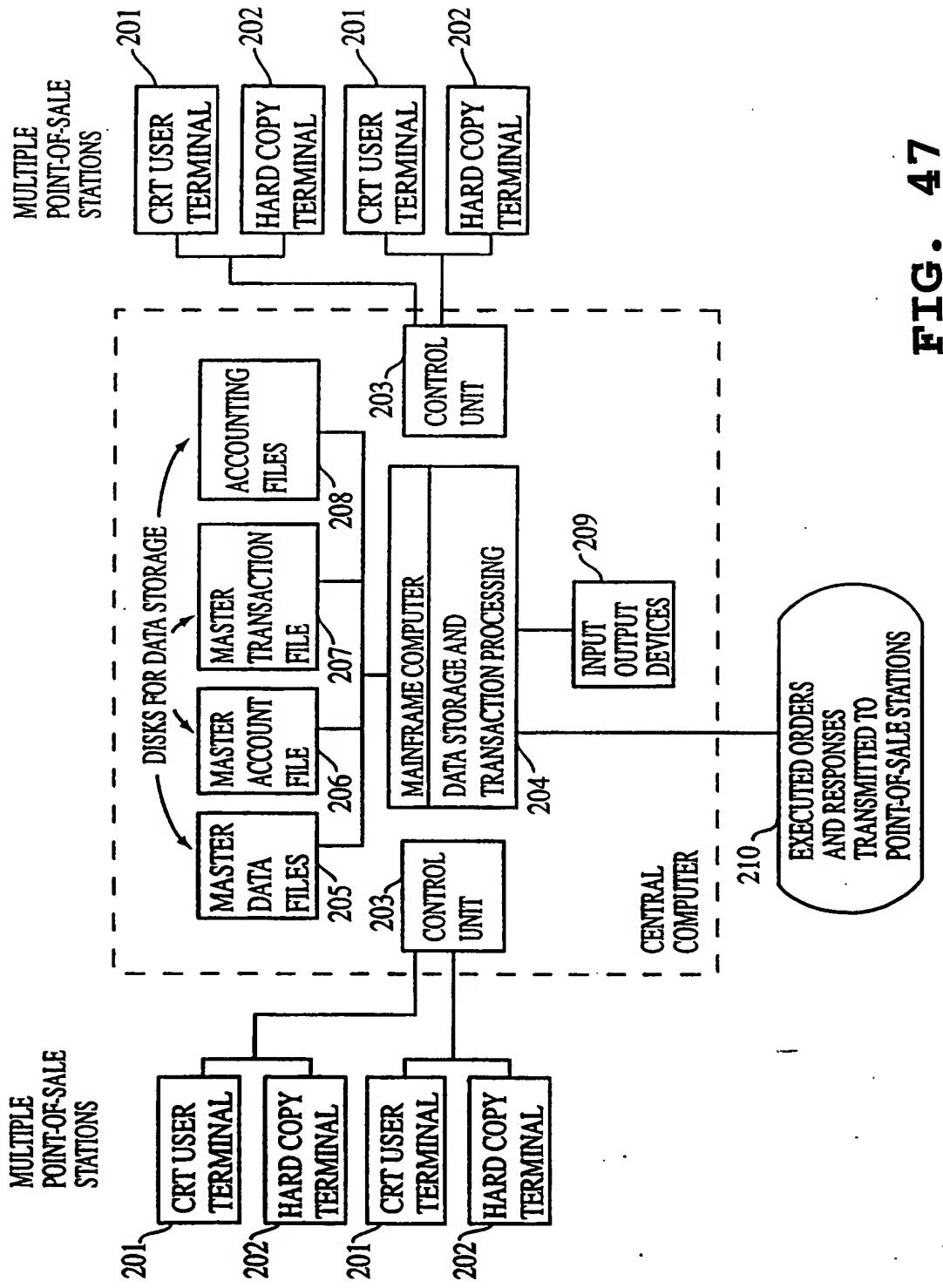
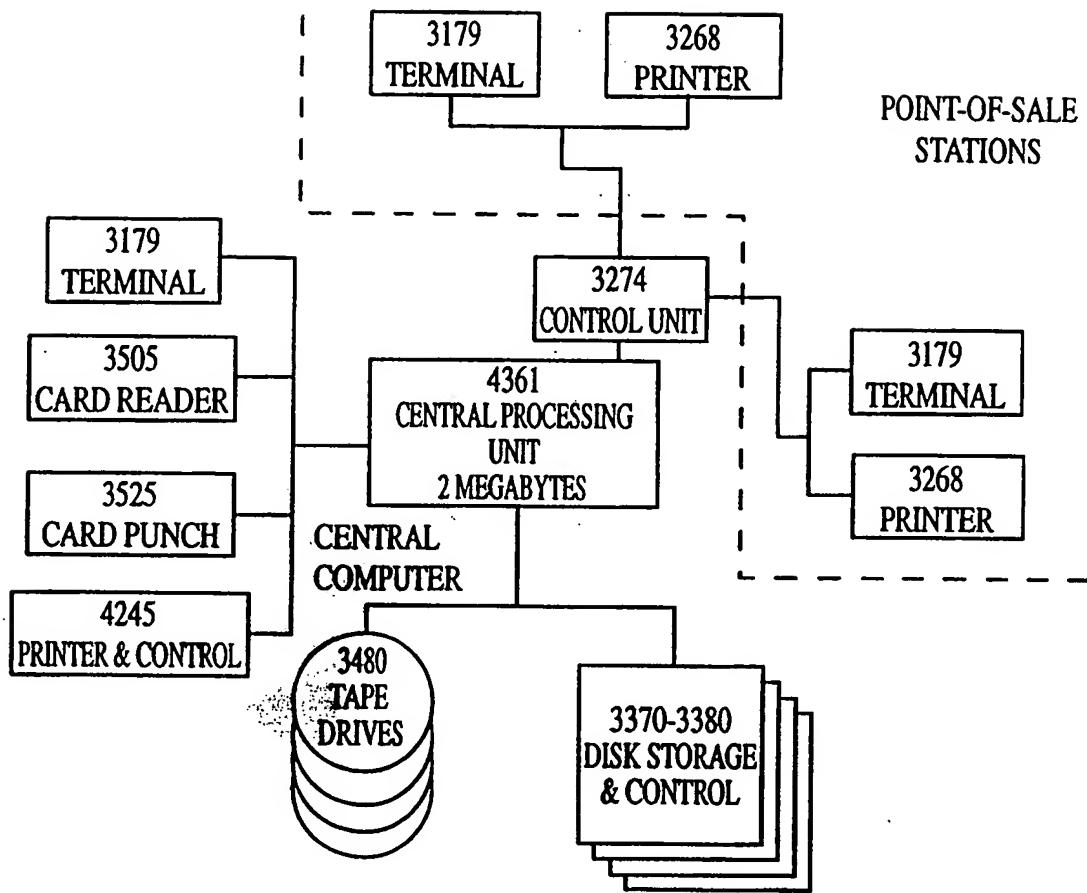


FIG. 47



**FIG. 48**